



Public Enterprises Survey 2018-19

Volume-1

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

मंत्री
पर्यावरण, वन एवं जलवायु परिवर्तन,
सूचना एवं प्रसारण और
भारी उद्योग एवं लोक उद्यम
भारत सरकार



MINISTER
ENVIRONMENT, FOREST & CLIMATE CHANGE,
INFORMATION & BROADCASTING AND
HEAVY INDUSTRIES & PUBLIC ENTERPRISES
GOVERNMENT OF INDIA

Foreword



PRAKASH JAVADEKAR

Central Public Sector Enterprises (CPSEs) play an important role in the process of nation building through their contributions to various aspects like economic growth, infrastructure development, healthy market competition, balanced regional development and price stabilization. They also play a key role in discharging social obligations through their Corporate Social Responsibility (CSR) activities, especially in the field of health, education and skill development.

I am happy to note that during the year 2018-19, the overall performance of CPSEs in India has shown a significant improvement. The CPSEs made a substantial contribution to the central exchequer by providing Rs. 3.68 lakh crore in various forms like dividend, interest, corporate taxes and GST. The Gross Turnover/Revenue of operating CPSEs has increased to Rs. 25.43 lakh crore from Rs. 21.55 lakh crore in previous year recording a growth of 18.03%. The overall net profit of 249 operating CPSEs also grew by 15.52% from Rs. 1.24 lakh crore in 2017-18 to Rs. 1.43 Lakh crore in 2018-19. The financial investment in all CPSEs stood at Rs. 16.41 lakh crore as compared to Rs. 14.31 lakh crore in previous year showing a growth 14.65%.

The Department of Public Enterprises has come out with the 59th edition of Public Enterprises Survey (2018-19) which presents an overview of the performance of all the CPSEs including their subsidiaries during the year 2018-19. The survey not only gives a detailed analysis of various aspects of the performance of CPSEs but also presents sector-wise information. It also contains a snapshot of the balance sheets and profit & loss statements along with the vital financial and non-financial indicators with respect to the CPSEs.

I wish to acknowledge the sincere efforts put in by the officers and staff of Department of Public Enterprises in the timely preparation of this survey.

February, 2020
New Delhi


Prakash Javadekar



Preface



ARJUN RAM MEGHWAL

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 Houses of Parliament, a separate comprehensive report should be submitted to the Parliament indicating the Government's total appraisal of the working of CPSEs. Accordingly, the first Public Enterprises Survey (Annual Report) was prepared by the erstwhile Bureau of Public Enterprises under the Ministry of Finance (now Department of Public Enterprises in the Ministry of Heavy Industries and Public Enterprises) in 1960-61 giving a consolidated picture of the performance of Central Public Sector Enterprises (CPSEs). The present report is the 59th in the series.

The Survey covers those Government companies wherein more than 50% equity is held by the Central Government. It also includes certain statutory corporations constituted under specific statutes of the Parliament. The subsidiaries of these companies, if registered in India, wherein any CPSE has more than 50% equity are also categorized as CPSEs. The Survey, however, does not cover departmentally run public enterprises, banking institutions, and insurance companies.

Over the years, Central Public Sector Enterprises (CPSEs) in India have been recognized as having a unique place among the state owned enterprises of the world. A number of the 249 operating CPSEs are amongst leading companies in the country with a pan India presence. These are diverse companies categorized into 5 sectors and 21 cognate groups operating over the length and breadth of the country and fulfilling various macro-economic objectives. They deal with various new technologies, markets and services and are also a significant source of employment with the workforce strength of 15.14 lakh (including contractual & casual workers) as on 31.03.2019.

The present Survey incorporates the audited financial and operational performance data of CPSEs for the year 2018-19. Out of 249 operating CPSEs, 196 CPSEs have complied with Indian Accounting Standards (IND-AS) as per Companies Act, 2013. The remaining operating CPSEs have continued to comply with the existing accounting standards.

This Survey meets an important need policy-makers/planners in government as well as in industry and academia for taking judicious decisions to achieve economic growth and will be a useful source of information about diverse CPSEs.

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.

February, 2020
New Delhi

(Arjun Ram Meghwal)



Introduction



SAILESH, IAS
SECRETARY

The Department of Public Enterprises (DPE) under the Ministry of Heavy Industries and Public Enterprises is a nodal department for all the Central Public Sector Enterprises (CPSEs) and formulates policy pertaining to CPSEs. It lays down the policy guidelines on performance improvement and evaluation, autonomy & financial delegation, personnel management, wage revision etc. It also collects and maintains information in the form of a Public Enterprises Survey on several areas in respect of CPSEs every year. The Survey report provides an overview of CPSE's financial and operational achievements.

2. The data for the Public Enterprises Survey is furnished directly by the CPSEs through an online application comprising detailed data sheet / questionnaire on various attributes of functioning of CPSEs developed by the Department. The data is compiled, analyzed and presented in two separate volumes. Volume-I contains broad performance appraisal of CPSEs at the macro level in terms of the operational and financial parameters. Volume-II contains the performance appraisal of CPSEs in different cognate groups and at the level of individual enterprise along with key financial ratios of each CPSE. The Public Enterprises Survey is based on the format of Balance Sheet and Statement of Profit and Loss given in Schedule-III of Companies Act, 2013 and contains the audited financial data for the past two years i.e. 2018-19 and 2017-18 in the present case.

3. The number of public enterprises, falling within the scope of the Survey on 31.03.2019 is 348 out of which 249 are operating CPSEs, 86 are under construction CPSEs. Rest 13 CPSEs are under closure/liquidation, which have not submitted data for PE Survey.

4. During the year 2018-19, 7 CPSEs were closed or merged with other CPSEs or ceased to be CPSE, while 16 new public sector enterprises have been added in the list of CPSEs in the current Survey document. A list of these CPSEs is at Appendix VII of Volume-I of the Survey report.

5. I express my gratitude to all Ministries/Departments for making available the names of CPSEs functioning under their administrative control as on 31.03.2019. The officers & staff of DPE also need to be congratulated for their hard work in the timely completion of this exercise.

6. The Survey is available on the department's website www.dpe.gov.in. Suggestions to further improve the Public Enterprises Survey are entirely welcome.

February, 2020
New Delhi

(SAILESH)

CONTENTS

i		Foreword
iii		Preface
v		Introduction
Chapter No.	Page No.	Name of the Chapter
1	1-6	THE YEAR GONE BY
1.1	1-3	Highlights
1.2	3-4	Cognate group-wise status of CPSEs
1.3	4-5	Top 10 profit and loss making CPSEs
1.4	5-6	Sector-wise performance
1.5	6	Implementation of public procurement policy for Micro & Small Enterprises (MSEs)
2	7-22	CPSEs AND THE INDIAN ECONOMY
2.1	7	Overview
2.2	8-10	Gross Revenue from Operations
2.3	10-12	Sector and Cognate Group-wise Profit and Loss of CPSEs
2.4	12	Provisional data of CPSEs
2.5	12	Revision of data of 2017-18 of CPSEs
2.6	13	Value addition by all CPSEs
2.7	13-14	Contribution to the Central Exchequer
2.8	15-22	Cognate group-wise analysis
3	23-60	FINANCIAL INFORMATION
3.1	23-24	IND-AS Implementation in CPSEs
3.2	24-28	Aggregate profit and loss of operating CPSEs
3.3	29-32	Profitability Margins
3.4	32-35	Aggregate balance sheet of Operating CPSEs
3.5	35-40	Performance of Listed CPSEs
3.6	40-42	Performance in Real Investment/Gross Block
3.7	43-46	Financial Investment
3.8	46-47	Internal Resources of CPSEs

3.9	47-51	International Operations of CPSEs
3.10	51-53	International Finance & Investment
3.11	54	Revival and Restructuring of Sick/loss making CPSEs
4	61-141	OPERATIONAL INFORMATION
4.1	61-88	Productivity in public enterprises
4.2	88-89	Risk management in CPSEs
4.3	89-116	Research & Development
4.4	116-141	Mega and major projects under implementation
5	142-194	ORGANISATION AND MANAGEMENT
5.1	142-143	Organisational structure of CPSEs
5.2	143	Appointment of functional directors of CPSEs
5.3	143-145	Professionalization of board of CPSEs
5.4	145-146	Corporate governance in CPSEs
5.5	146-148	Wage & Salary and Manpower Rationalization in CPSEs
5.6	149-158	Employment in CPSEs
5.7	158-166	Corporate Social Responsibility of CPSEs
5.8	166-171	Delegation of Enhanced Financial Powers to CPSEs
5.9	171-174	MoU system in CPSEs
		ANNEXURES
3.1	55-58	Foreign Exchange Earnings & Foreign Exchange Utilisation by CPSEs during 2018-19
3.2	59-60	Sector-wise Secured and Unsecured Loans
5.1	175-177	Schedule-wise list of CPSEs as on 31st March, 2019
5.2	178-192	Status of Grading Report of CPSEs on compliance 2018-19
5.3	193-194	List of Miniratna CPSEs
S1-S264		STATEMENTS & APPENDICES

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 annually bringing out a consolidated report on the performance of Central Public Sector Enterprises (CPSEs). The present Report is the 59th Report in the series.

Section 2 (45) of Companies Act, 2013 defines a Government company to mean – any company in which not less than fifty-one per cent of the paid-up share capital is held by the Central Government, or by any State Government or Governments, or partly by the Central Government and partly by one or more State Governments and includes a company which is a subsidiary company of such a Government company. The Public Enterprises Survey traditionally covers, beside certain statutory corporations, those Government companies wherein more than 50 % equity is held by the Central Government. The subsidiaries of these companies, if registered in India, wherein any CPSE has more than 50% equity are also categorized as CPSEs. The Survey, does not cover departmentally run public enterprises, banking institutions, and insurance companies.

Public sector enterprises were set up to serve the broad macro-economic objectives of higher economic growth, self-sufficiency in production of goods and services, long term equilibrium in balance of payments and low & 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 348 CPSEs with a total investment of Rs 16,40,628 crore as on 31st March, 2019.

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, Crude Oil, Coal, Power, Steel, Mining, and Transport & Logistic Services. The CPSEs are also operating in competitive markets such as Telecommunication & Information Technology, Transport & Logistic Services, Financial Services, etc. The CPSEs are increasingly under pressure by 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 in the past decades. 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 (Refinery & Marketing), (e.g. IOCL, ONGC, HPCL and BPCL), Mining & Exploration, Other Minerals & Metals (e.g. Coal India Ltd. and NMDC), Power Generation (e.g. NTPC, Nuclear Power Corporation of India Ltd. and NHPC), Power Transmission (e.g. Power Grid Corporation of India Ltd.), Heavy & Medium Engineering (e.g. BHEL and Hindustan Aeronautics Ltd.), Transport & Logistic Services (e.g. Air India Ltd., GAIL, Central Warehousing Corporation and Shipping Corporation of India Ltd), Trading & Marketing (e.g. Food Corporation of India), Steel (e.g. Steel Authority of India Ltd and Rashtriya Ispat Nigam Ltd) and Telecommunication & Information Technology (e.g. BSNL and MTNL).

Box 1.1: Highlights

Highlights

- **Total paid up capital** in all CPSEs as on 31.3.2019 stood at Rs 2,75,697 crore as compared to Rs. 2,53,977 crore as on 31.3.2018 (339 CPSEs), showing a growth of 8.55%.
- **Total Financial Investment** in all CPSEs stood at Rs 16,40,628 crore as on 31.3.2019 as compared to Rs 14,31,008 crore as on 31.3.2018, recording a growth of 14.65%.
- **Capital Employed** in all CPSEs stood at Rs. 26,33,956 crore as on 31.3.2019 as compared to Rs. 23,57,913 crore as on 31.3.2018 showing a growth of 11.71 %.
- **Total gross revenue from operation** of operating CPSEs during 2018-19 stood at Rs 25,43,370 crore as compared to Rs. 21,54,774 crore in the previous year showing a growth of 18.03 %.
- **Total income** of all CPSEs during 2018-19 stood at Rs 24,40,748 crore as compared to Rs 20,32,001 crore in 2017-18, showing a growth of 20.12 %.
- **Profit** of profit making CPSEs (178 CPSEs) stood at Rs 1,74,587 crore during 2018-19 as compared to Rs 1,55,931 crore in 2017-18 showing a growth in profit by 11.96%.
- **Loss** of loss incurring CPSEs (70 CPSEs) stood at Rs. 31,635 crore in 2018-19 as compared to Rs. 32,180 crore in 2017-18 showing a decrease in loss by 1.69 %
- **Overall net profit** of operating CPSEs during 2018-19 stood at Rs 1,42,951 crore as compared to Rs 1,23,751 crore during 2017-18 showing a growth in overall profit of 15.52%.
- **Reserves & Surplus** of all CPSEs stood at Rs 9,93,328 crore as on 31.03.2019 as compared to Rs. 9,26,906 crore as on 31.03.2018 showing an increase by 7.17 %.

- **Net Worth** of all CPSEs went up from Rs. 11,15,552 crore as on 31.03.2018 to Rs 12,08,758 crore as on 31.03.2019 showing an increase of 8.36%
- **Dividend** declared/paid by operating CPSEs (121) in the year 2018-19 stood at Rs. 71,916 crore against Rs.76,014 crore in the year 2017-18 showing a decrease by 5.39%
- **Contribution of all 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.3,68,803 crore in 2018-19 against Rs 3,52,361 crore in 2017-18, showing an increase of 4.67%.
- **Foreign exchange earnings** of all CPSEs (79) through exports of goods and services stood at Rs. 1,43,377 crore in 2018-19 against Rs 98,714 crore in 2017-18, showing an increase of 45.24%.
- **Foreign exchange expenditure** of CPSEs (144) on imports and royalty, know-how, consultancy, interest and other expenditure stood at Rs. 6,64,914 crore in 2018-19 against Rs. 5,22,256 crore in 2017-18 showing an increase of 27.32%.
- **CSR Expenditure** of CPSEs (150) stood at Rs. 3873 crore in the year 2018-19 against Rs. 3441 crore in 2017-18 showing an increase of 12.55%.
- **Salary and wages** in all CPSEs stood at Rs.1,52,684 crore in 2018-19 against Rs.1,53,945 crore in 2017-18 showing a reduction of 0.82%.
- **Total Market Capitalization (M-Cap)** of 56 CPSEs traded on stock exchanges of India is Rs 13,71,116 crore as on 31.03.2019 as compared to Rs 15,20,412 crore as on 31.03.2018 showing a decrease of 9.82%.
- **Market Capitalisation** of CPSEs as per cent of BSE Market Capitalisation decreased from 10.69% as on 31.3.2018 to 9.08% as on 31.3.2019.

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 Services', 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

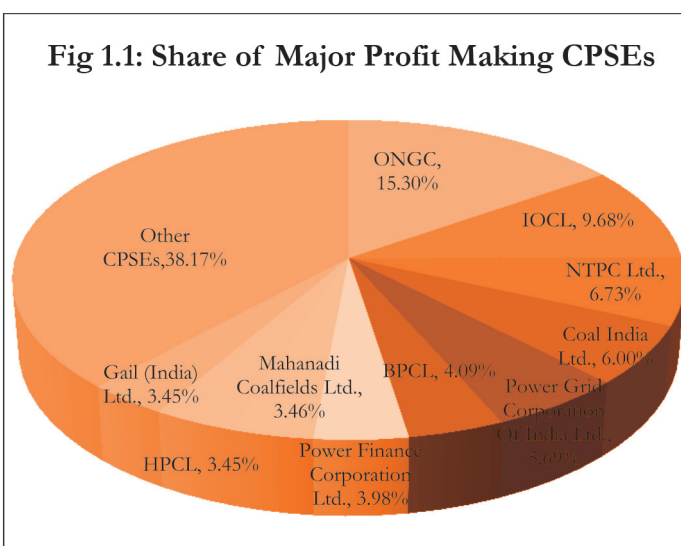
S.no	Cognate Group	No. of Enterprises as on	
		31.03.2019	31.03.2018
I	Agriculture		
	Agro-based Industries	3	3
	Sub-total (I)	3	3
II	Mining & Exploration		
	Coal	8	8
	Crude-Oil	5	5
	Other Minerals & Metals	11	11
	Sub-total (II)	24	24
III	Manufacturing, Processing & Generation		
	Steel	4	4
	Petroleum (Refinery & Marketing)	6	6
	Fertilizers	7	7
	Chemicals & Pharmaceuticals	17	17

Box 1.2: Cognate Group-Wise Enterprises			
S.no	Cognate Group	No. of Enterprises as on	
		31.03.2019	31.03.2018
	Heavy & Medium Engineering	36	36
	Transportation Vehicle & Equipment	1	1
	Industrial & Consumer Goods	13	13
	Textiles	4	4
	Power Generation	13	12
	Sub-total (III)	101	100
IV	Services		
	Power Transmission	13	9
	Trading & Marketing	20	20
	Transport & Logistic Services	23	23
	Contract & Construction and Technical Consultancy Services	44	44
	Hotel & Tourist Services	6	7
	Financial Services	20	20
	Telecommunication & Information Technology	8	8
	Sub-total (IV)	134	131
V	Enterprises under Construction	86	81
	Sub-total (V)	86	81
	Grand Total	348	339

1.3 Top 10 Profit and Loss Making CPSEs

Oil & Natural Gas Corporation Ltd., Indian Oil Corporation Limited, and NTPC Ltd were ranked first, second and third respectively amongst the profit making CPSEs contributing 15.30%, 9.68% and 6.73% respectively to the total profit earned by profit making CPSEs during the year 2018-19. GAIL (India) Ltd. has been added in the top ten profit making CPSEs, while REC Ltd. has not featured in the list of top ten profit making CPSEs. The top ten profit making CPSEs contributed 61.83% of the total profit made by all the (178) profit making CPSEs during the year. The details of all profit making CPSEs is given at Statement no.3.

Table 1.1: Top 10 Profit Making CPSEs during 2018-19			
(Rs.in Crore)			
S I . No	CPSE Name	Net Profit	Share (%)
1	Oil & Natural Gas Corporation Ltd.	26716	15.30
2	Indian Oil Corporation Ltd.	16894	9.68
3	NTPC Ltd.	11750	6.73
4	Coal India Ltd.	10470	6.00
5	Power Grid Corporation Of India Ltd.	9939	5.69
6	Bharat Petroleum Corp. Ltd.	7132	4.09
7	Power Finance Corporation Ltd.	6953	3.98
8	Mahanadi Coalfields Ltd.	6040	3.46
9	Hindustan Petroleum Corp. Ltd.	6029	3.45
10	GAIL (India) Ltd.	6026	3.45
	Total (1 to 10)	107947	61.83
	Other CPSEs (168)	66640	38.17
	Profit of Profit making CPSEs (178)	174587	100



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 2018-19. The top ten loss making CPSEs claimed 94.04% of the total losses made

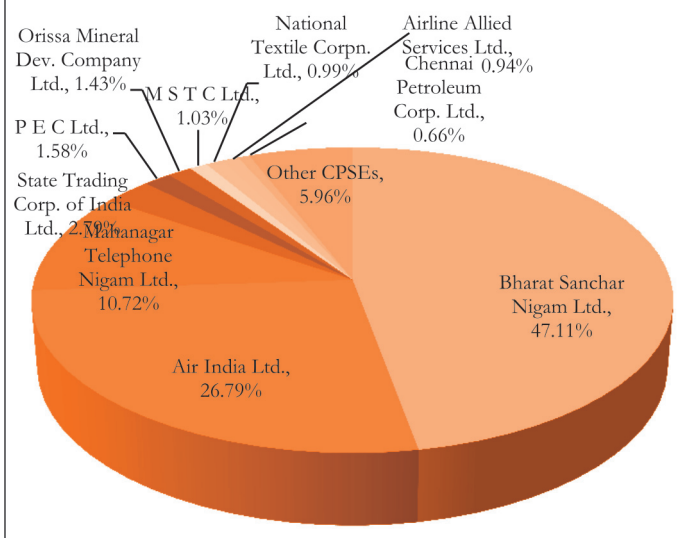
by all the loss making (70) CPSEs during the year. The top three loss making CPSEs namely, Bharat Sanchar Nigam Ltd., Air India Ltd. and Mahanagar Telephone Nigam Ltd. incurred a loss equal to 84.62% of the total loss by the loss making CPSEs in 2018-19. Five CPSEs, namely, Western Coalfields Ltd., Bharat Coking Coal Ltd., Rashtriya Ispat Nigam Ltd., India Infrastructure Finance Co. Ltd. and Eastern Coalfields Ltd., which had incurred losses in 2017-18, have earned profit during 2018-19. STCL Ltd. has incurred losses this year as well, however it has not featured in top ten loss making companies. Hindustan Photo Films Manufacturing Co. Ltd. is under liquidation/closure. The data of under liquidation/ closure CPSEs which have not submitted data for the year 2018-19, has not been included in PE Survey 2018-19. State Trading Corporation of India Ltd., M S T C Ltd. and Chennai Petroleum Corporation Ltd. which were profit making CPSEs in 2017-18, have incurred losses in 2018-19 and have featured in the list of top ten loss making CPSEs. The details of all loss making CPSEs is given at Statement no. 4.

Table 1.2: Top 10 Loss-making CPSEs during 2018-19

(Rs.in crore)

S1. No	CPSE Name	Net Loss	Share (%)
1	Bharat Sanchar Nigam Ltd.	-14904	47.11
2	Air India Ltd.	-8475	26.79
3	Mahanagar Telephone Nigam Ltd.	-3390	10.72
4	State Trading Corp. of India Ltd.	-881	2.79
5	P E C Ltd.	-500	1.58
6	Orissa Mineral Dev. Company Ltd.	-452	1.43
7	M S T C Ltd.	-324	1.03
8	National Textile Corp. Ltd.	-315	0.99
9	Airline Allied Services Ltd.	-297	0.94
10	Chennai Petroleum Corp. Ltd.	-213	0.66
Total (1 to 10)		-29751	94.04
Other CPSEs (60)		-1884	5.96
Loss of Loss making CPSEs (70)		-31635	100

Fig 1.2: Share of Major Loss-making CPSEs



1.4 Sector-wise Performance

Sector-wise important financial ratios of operating CPSEs for the last two years are given in Table 1.3. It has been observed that Return on Net Worth is highest in the Mining & Exploration Sector (19.98%) followed by Manufacturing, Processing & Generation (12.58%), Services (3.76%) while Agriculture sector has shown negative (-3.73%) return. It is pertinent to note that overall return on Net Worth of all operating CPSEs taken together is 12.11% during the year 2018-19 and Mining & Exploration and Manufacturing, Processing & Generation Sector's return on Net Worth is higher than the average return of all operating CPSEs during the year 2018-19.

Return on Assets is highest in the Mining & Exploration Sector (9.70%) followed by Manufacturing, Processing & Generation (4.21%), Services (0.62%) whereas the Agriculture sector has shown negative (-1.24%) return. It is noted that overall return on Assets of all operating CPSEs taken together is 3.36% during the year 2018-19 and Mining & Exploration and Manufacturing, Processing & Generation Sector's return on Assets is higher than the average return of all operating CPSEs during the year 2018-19.

Net Profit Margin is the highest in the Mining & Exploration Sector (21.76%) followed by Manufacturing, Processing & Generation (4.09%), Services (2.31%)

whereas Agriculture sector has a negative (-1.85%) net profit Margin. The overall Net Profit margin of all operating CPSEs taken together is 5.86% during the year 2018-19 and only Mining & Exploration sector's Net Profit Margin is higher than the average Net Profit Margin of all operating CPSEs during the year 2018-19.

During the year, Return on Capital Employed is highest in the Mining & Exploration Sector (24.58%) followed by Manufacturing, Processing & Generation

(12.75%), Services (4.93%) and Agriculture sector (4.55%). The overall Return on Capital Employed of all operating CPSEs taken together is 10.76% during the year 2018-19 and Mining & Exploration and Manufacturing, Processing & Generation sector's Return on Capital Employed is higher than the average return of all operating CPSEs.

Table 1.3: Sector wise key Ratios of Operating CPSEs

Sectors	Return on Net Worth (%)		Return on Assets (%)		Net Profit Margin (%)		Return on Capital Employed (%)	
	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18
Agriculture	(3.73)	(39.30)	(1.24)	(5.06)	(1.85)	(10.45)	4.55	(0.84)
Mining & Exploration	19.98	14.76	9.70	6.97	21.76	18.18	24.58	16.82
Manufacturing, Processing & Generation	12.58	13.80	4.21	4.50	4.09	4.87	12.75	15.37
Services	3.76	4.58	0.62	0.88	2.31	3.19	4.93	4.74
Total Operating CPSEs	12.11	11.27	3.36	3.26	5.86	6.09	10.76	10.34

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 Central Government by amending the said Policy on 9th November, 2018, increased the minimum annual procurement from MSEs from 20% to 25% and also mandated to procure minimum 3% out of the 25%, from MSEs owned by women. These amendments are effective from 1st April, 2019.

The data/information received from CPSEs w.r.t procurement by CPSEs from Micro and Small Enterprises (MSEs) during the last four years from 2015-16 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
2015-16	132	162,659.75	12,566.15	50.11
2016-17	141	134,409.70	25,329.44	400.87
2017-18	174	165,016.78	24,721.55	447.98
2018-19	166	204,998.39	38,658.06	934.72

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 play a significant role in the growth of the Indian economy since its inception. The CPSEs are set up primarily for promoting economic growth, business excellence, regional development and meeting social obligations. In view of availability of abundant natural and human resources, overall development of the country has been planned to achieve through Central Public Sector Enterprises. In such circumstances, major profit making CPSEs of some of the sectors have expanded their business activities over the period, while the sick, incipient and loss making CPSEs have either closed down or merged with other enterprises. The business environment and working conditions of individual CPSEs differ from each other owing to respective business and also differ from private enterprises to a large extent. As per Press Note of Ministry of Statistics and Program Implementation of May, 2019, the provisional estimate of GDP at current market prices in 2018-19 was Rs 190.10 lakh crore as against the revised estimate of GDP of Rs 170.95 lakh crore for the year 2017-18, registering a growth rate of 11.20% during the year. The Gross Revenue from Operations of CPSEs has increased in 2018-19 by 18.03% to Rs. 25,43,370 crore from Rs. 21,54,774 crore in 2017-18 whereas profit of profit making CPSEs increased by 11.96% to Rs. 1,74,587 crore in 2018-19 from Rs. 1,55,931 crore in 2017-18.

The total loss of loss making CPSEs decreased by 1.69% in 2018-19 to Rs. 31,635 crore from Rs. 32,180 crore during 2017-18. Overall, aggregate net profit reported by operating CPSEs during 2018-19 is Rs 1,42,951 crore as against Rs 1,23,751 crore in the year 2017-18, thus showing a growth in overall profit by 15.52% as against a decrease of 1.39% in 2017-18. During the year 2018-19, the number of profit making CPSEs has decreased to 178 from 183 CPSEs in previous year and the number of loss making CPSEs has decreased to 70 from 72 during the same period. One CPSE, namely, Food Corporation of India neither earned profit nor incurred loss during 2018-19. The data of 13 CPSEs which are under liquidation and/or under closure and which have also not submitted data for PE Survey, has not been repeated and hence not included in the instant PE Survey Report 2018-19. List of such CPSEs has been given under Appendix – VIII.

2.2 Gross Revenue from Operations

The Gross Revenue from Operations of operating CPSEs has increased from Rs 21,54,774 crore in 2017-18 to Rs 25,43,370 crore in 2018-19 showing an increase of 18.03 % against increase of 10.18% in 2017-18. The movement of Gross Revenue from Operations over the last ten years can be seen in Fig 2.1. The Gross Revenue from Operations of operating CPSEs has shown increasing trend except in FY 2014-15 and 2015-16.

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

As seen in Table 2.1, largest increase in Gross Revenue from Operations in FY 2018-19 is observed in the Agriculture Sector(46.00%) followed by Mining & Exploration sector (21.78%),Manufacturing, Processing & Generation sector (18.41%), and Services sector (14.96%).

Fig 2.1: Gross Revenue from Operations

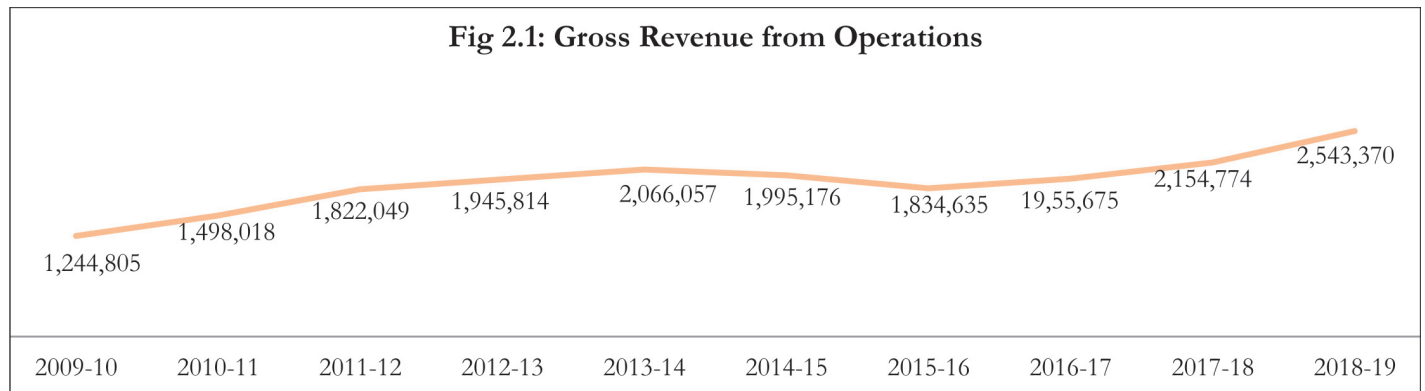


Table 2.1: Sector-wise Gross Revenue from Operations

Sector	Gross Revenue from Operations (Rs.in crore)			% change over previous year	
	2018-19	2017-18	2016-17	2018-19	2017-18
Agriculture	1391.49	953.05	1247.84	46.00	-23.62
Mining & Exploration	272471.69	223736.13	204837.43	21.78	9.23
Manufacturing, Processing & Generation	1737800.96	1467557.45	1309988.76	18.41	12.03
Services	531705.36	462527.34	439601.31	14.96	5.22
Total	2543369.50	2154773.97	1955675.34	18.03	10.18

As seen in Fig 2.2, maximum share of Gross Revenue from Operations has come from Manufacturing, Processing & Generation (68.33%), followed by Services (20.91%), Mining & Exploration (10.71%) and Agriculture (0.05%).

2.2.2 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 percentage can be seen in Table 2.2 given below.

Fig 2.2: Sector wise % share of Gross Revenue from Operations in FY 2018-19

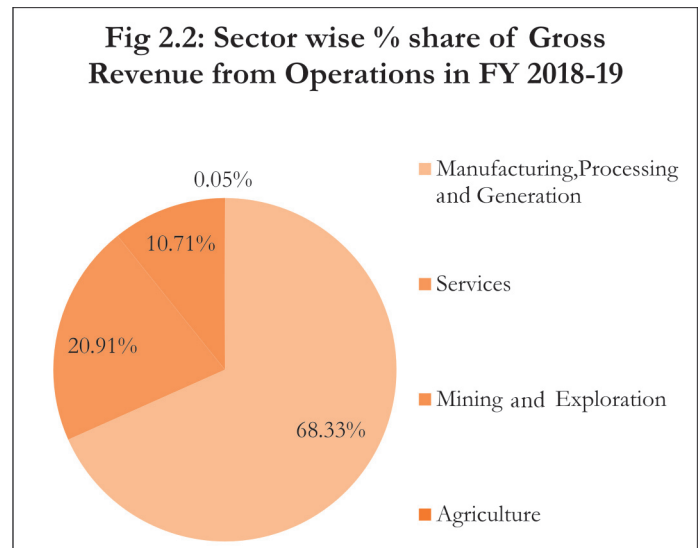
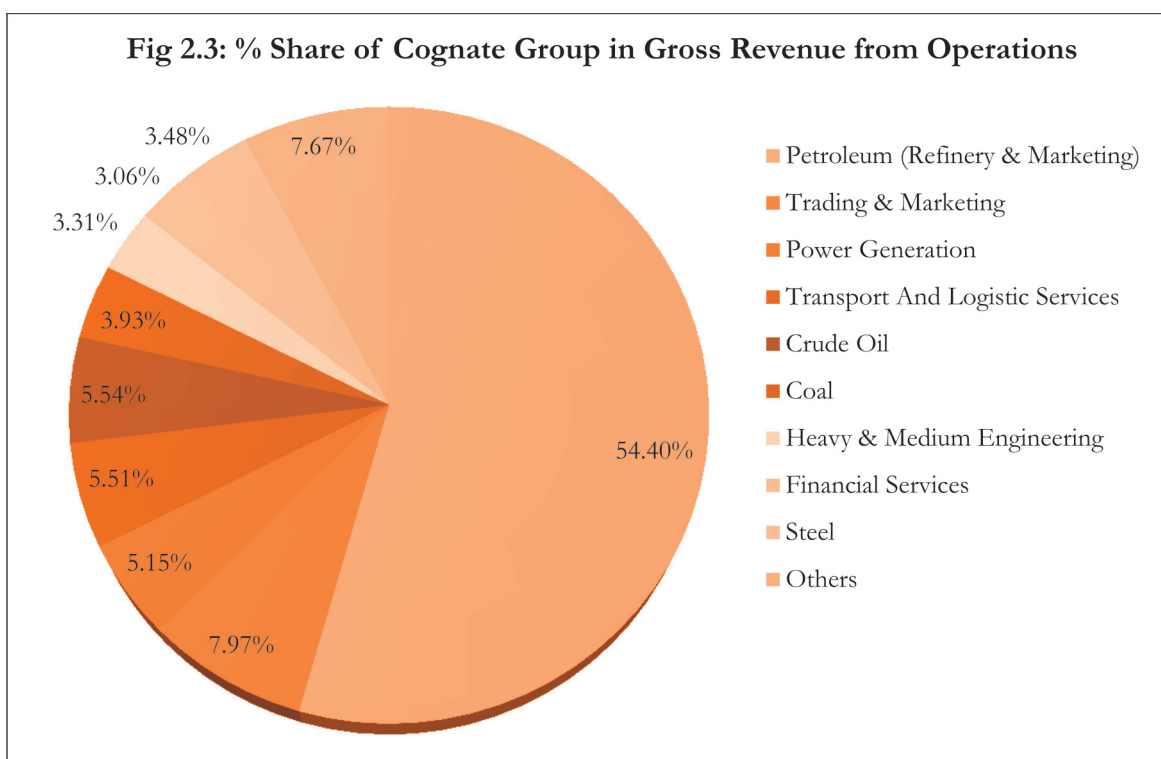


Table 2.2: Cognate Group-wise Gross Revenue from Operations of CPSEs						
		Gross Revenue from Operations (in Rs crore)			% change over previous year	
S. No.	Sector / Coagnate Group	2018-19	2017-18	2016-17	2018-19	2017-18
	AGRICULTURE					
1	Agro Based Industries	1391.49	953.05	1247.84	46.00	-23.62
	Sub Total :	1391.49	953.05	1247.84	46.00	-23.62
	MINING AND EXPLORATION					
2	Coal	99839.20	86842.91	83808.13	14.97	3.62
3	Crude Oil	140962.26	108544.85	99104.14	29.87	9.53
4	Other Minerals & Metals	31670.23	28348.37	21925.16	11.72	29.30
	Sub Total :	272471.69	223736.13	204837.43	21.78	9.23
	MANUFACTURING, PROCESSING AND GENERATION					
5	Steel	88535.38	74555.23	63306.13	18.75	17.77
6	Petroleum (Refinery & Marketing)	1383502.84	1150978.79	1015344.47	20.20	13.36
7	Fertilizers	25139.53	20163.59	18592.83	24.68	8.45
8	Chemicals & Pharmaceuticals	12775.52	8778.63	7480.53	45.53	17.35
9	Heavy & Medium Engineering	84079.88	79298.49	77506.95	6.03	2.31
10	Transportation Vehicle & Equipment	3481.06	3305.42	2834.66	5.31	16.61
11	Industrial And Consumer Goods	8293.62	7107.98	8873.63	16.68	-19.90
12	Textiles	1081.90	1066.78	1173.37	1.42	-9.08
13	Power Generation	130911.23	122302.54	114876.19	7.04	6.46
	Sub Total :	1737800.96	1467557.45	1309988.76	18.41	12.03
	SERVICES					
14	Power Transmission	35618.60	30569.31	26028.53	16.52	17.45
15	Trading & Marketing	202637.94	180937.86	169958.90	11.99	6.46
16	Transport And Logistic Services	140012.60	112413.01	103131.40	24.55	9.00
17	Contract & Construction And Tech. Consultancy Services	49739.64	39302.90	34831.77	26.55	12.84
18	Hotel And Tourist Services	2284.11	1870.08	1929.46	22.14	-3.08
19	Financial Services	77885.92	68909.24	69197.67	13.03	-0.42
20	Telecommunication & Information Technology	23526.55	28524.94	34523.58	-17.52	-17.38
	Sub Total :	531705.36	462527.34	439601.31	14.96	5.22
	Grand Total :	2543369.50	2154773.97	1955675.34	18.03	10.18

As shown in the Table 2.2, the maximum percentage increase in Gross Revenue from Operations in the FY 2018-19 is recorded by Agro Based Industries cognate group (46%), followed by Chemicals & Pharmaceuticals (45.53%), Crude Oil (29.87%), Contract & Construction And Tech. Consultancy Services (26.55%), Fertilizers (24.68%), Transport

And Logistic Services (24.55%), Hotel and Tourist Services (22.14%), Petroleum (Refinery & Marketing) (20.20%), Steel (18.25%) and Industrial And Consumer Goods (16.68%) cognate groups. The reduction in Gross Revenue from Operations in FY 2018-19 is recorded only in Telecommunication & Information Technology cognate group by 17.52%.



As seen in Fig 2.3, top five contributing cognate groups are Petroleum (Refinery & Marketing) with 54.40% share followed by Trading & Marketing (7.97%), Crude Oil (5.54%), Transport and Logistic Services (5.51%) and Power Generation (5.15%). The top five cognate groups contribute 78.56 % of total gross revenue from operations of all operating CPSEs. As in earlier years, single cognate group, namely, Petroleum (Refinery & Marketing) has contributed more than 50% of total Gross Revenue from operations of operating CPSEs.

2.3 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 (45.63%), followed by Mining & Exploration (45.59%), Services (8.80%). The contribution of Agriculture sector is negative (-0.02%). The Sector and Group - wise overall net profit/loss with increase or decrease percentage can be seen in Table 2.3 below.

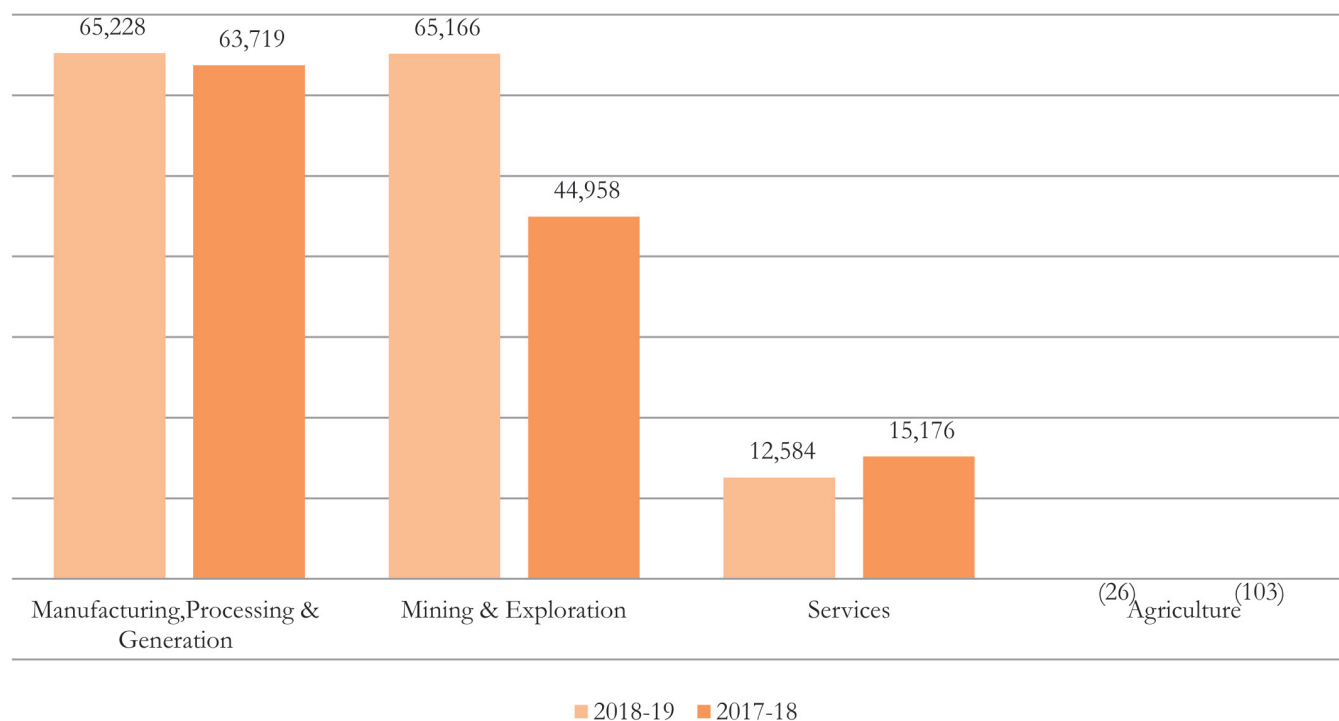
Table 2.3: Sector and Cognate Group-wise Net Profit and Loss of CPSEs						
S. No.	Sector / Cognate Group	Net Profit(+)/ Loss(-) (Rs. in crore)			% change over previous year	
		2018-19	2017-18	2016-17	2018-19	2017-18
	AGRICULTURE					
1	Agro-based Industries	-26.23	-102.57	-28.62	74.43	258.39
	Sub - Total	-26.23	-102.57	-28.62	74.43	258.39
	MINING & EXPLORATION					
2	Coal	27243.38	15839.09	23597.7	72.00	-32.88
3	Crude Oil	30944.85	23431.98	19984.5	32.06	17.25

4	Other Minerals & Metals	6977.59	5687.00	3875.46	22.69	46.74
	Sub - Total	65165.82	44958.07	47457.66	44.95	-5.27
	MANUFACTURING, PROCESSING & GENERATION					
5	Steel	2432.78	-1711.39	-3946.34	-	-56.63
6	Petroleum (Refinery & Marketing)	32141.53	40861.18	40128.51	-21.34	1.83
7	Fertilizers	685.88	254.61	167.53	169.38	51.98
8	Chemicals & Pharmaceuticals	82.7	-713.89	-1361.25	-	-47.56
9	Heavy & Medium Engineering	7676.01	7145.26	8692.61	7.43	-17.80
10	Transportation Vehicle & Equipment	63.49	129.44	84.45	-50.95	53.27
11	Industrial & Consumer Goods	397.81	-3229.68	-2684.26	-	20.32
12	Textiles	-420.85	-407.58	868.08	3.26	-146.95
13	Power Generation	22168.21	21391.25	20573.03	3.63	3.98
	Sub - Total	65227.56	63719.2	62522.36	2.37	1.91
	SERVICES					
14	Power Transmission	10226.41	8402.18	7555.13	21.71	11.21
15	Trading & Marketing	-1150.53	-82.14	-156.31	1300.69	-47.45
16	Transport And Logistic Services	1251.79	3573.04	1905.67	-64.97	87.50
17	Contract & Construction And Tech. Consultancy Services	3165.81	2811.35	2412.86	12.61	16.52
18	Hotel And Tourist Services	276.44	173.71	164.17	59.14	5.78
19	Financial Services	17034.41	11025.82	11112.95	54.50	-0.78
20	Telecommunication & Information Technology	-18220.18	-10727.7	-7447.75	69.84	44.04
	Sub - Total	12584.15	15176.26	15546.72	-17.08	-2.38
	Grand Total	142951.3	123750.96	125498.12	15.52	-1.39

As observed in the Fig 2.4 and Table 2.3, amongst the sectors, Mining & Exploration (44.95%) and Manufacturing, Processing & Generation sector (2.37%) have registered increase in net profit for the FY 2018-19, while Service Sector (17.08%) has registered decrease in Net Profit. The losses of Agriculture Sector reduced by 74.43%. The group-wise analysis of sectors shows that Petroleum (Refining & Marketing) sector contributed 22.48% to the net profit for the year 2018-19 followed by Crude Oil (21.65%), Coal (19.06%), Power Generation (15.51%), Financial Services (11.92%), Power Transmission (7.15%). The remaining 2.23% has been contributed by other cognate groups.

The net losses have decreased in the Agro Based Industries group during 2018-19. The cognate group-wise analysis shows that Cognate groups Steel, Chemicals & Pharmaceuticals and Industrial & Consumer Goods have reported profit in 2018-19 as against loss in 2017-18 while the net losses of Textiles, Trading & Marketing and Telecommunication & Information Technology have increased in 2018-19 as compared to net losses reported in 2017-18. Fertilisers, Coal, Hotel & Tourist Services, Financial Services, Crude Oil and Other Minerals & Metals registered major jump in profits in comparison to last year.

Fig 2.4: Sector wise net profit/loss (Rs. in Crores)



2.4 Provisional data of CPSEs

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. During 2018-19, 9 CPSEs have given provisional financial data which is unaudited

and 5 CPSEs have not furnished any information. Therefore, data in respect of 14 CPSEs is being treated as provisional and the details of such CPSEs is listed in Appendix-V. A statement showing details of such CPSEs during the last three years is given in table 2.4 below:-

Table 2.4:Provisional data of CPSEs

Financial Year	Number of CPSEs which have furnished provisional Data	Number of CPSEs which have not furnished any information/Data	Total
2016-17	11	10	21
2017-18	10	23	33
2018-19	9	5	14

2.5 Revision of Data of 2017-18 of CPSEs

In PE survey 2017-18, unaudited / provisional data in respect of 33 CPSEs was furnished. Most of these companies have now furnished updated / audited figures and that have been incorporated and revised in the data of 2017-18. Further, the number of IND-AS

CPSEs this year has increased to 196 as compared to 171 during last year. The revision of figures in annual accounts, wherever applicable, has also been taken note of and has led to revision of data for 2017-18. During the year 2018-19, Rural Electrification Corporation Ltd. has been renamed as REC Limited and Indian Rare Earths Limited has been renamed as IREL (India) Limited.

2.6 Value Addition by all CPSEs

Value Addition by CPSEs increased from Rs. 4,95,028 crore in 2017-18 to Rs. 5,60,310 crore in 2018-19

(Table. 2.5) recording a growth rate of 13.19%. Thus, the share of Value Addition as a ratio to GDP stood at 2.95% in the year 2018-19 as against 2.90% in 2017-18.

S. No.	Value Addition	2018-19	2017-18	2016-17
1	Profit before Tax(PBT)	2,13,224	1,84,251	1,78,713
2	Interest	63,262	55,946	47,211
3	Salaries & Wages	1,52,684	1,53,945	1,40,866
4	Rent, royalty and cess	43,197	12,473	33,119
5	Depreciation, Depletion & Amortization	84,940	81,709	73,636
6	DRE / Impairment	2,823	6,704	278
	Total	5,60,130	4,95,028	4,73,824

2.6.1 Components of Value Addition

In terms of 'Value Addition' generated by CPSEs in 2018-19, the share of Profit before Tax was the highest at 38.07%. This was followed by Salary & wages (27.26%), Depreciation, depletion and amortisation (15.16%), Interest payment (11.29%), Rent royalty and cess (7.71%) and DRE/Impairment (0.50%) (Fig 2.5). A comparison between the respective shares of each of these items during 2018-19 and 2017-18 depicts that the share of profit before tax and rent royalty and cess has increased, whereas the share of salaries & wages, interest, depreciation, depletion, interest and amortisation & DRE/impairment has decreased in 2018-19.

2.7 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. The total contribution of CPSEs to the Central Exchequer during the year 2018-19 has increased from Rs 3,52,361 crore in 2017-18 to Rs 3,68,803 crore in 2018-19 showing an increase of 4.67% against a decrease of 2.32% in year 2017-

18. It has been observed that while Central Sales Tax, Service Tax and Other taxes and duties have decreased by 28.52%, 97.61% and 29.63% in 2018-19 respectively, Interest on Central Government Loans, Goods & Service Tax and Non-Tax Revenue have increased manifold by 203.09%, 55.39% and 265.46%, respectively, resulting in overall increase in Contribution to Central Exchequer during 2018-19.

Fig 2.5: Components of Value: Addition in 2018-19

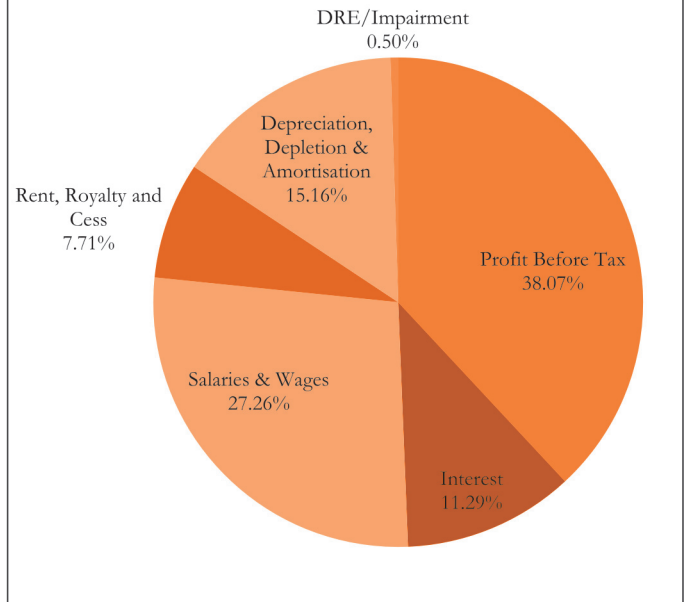
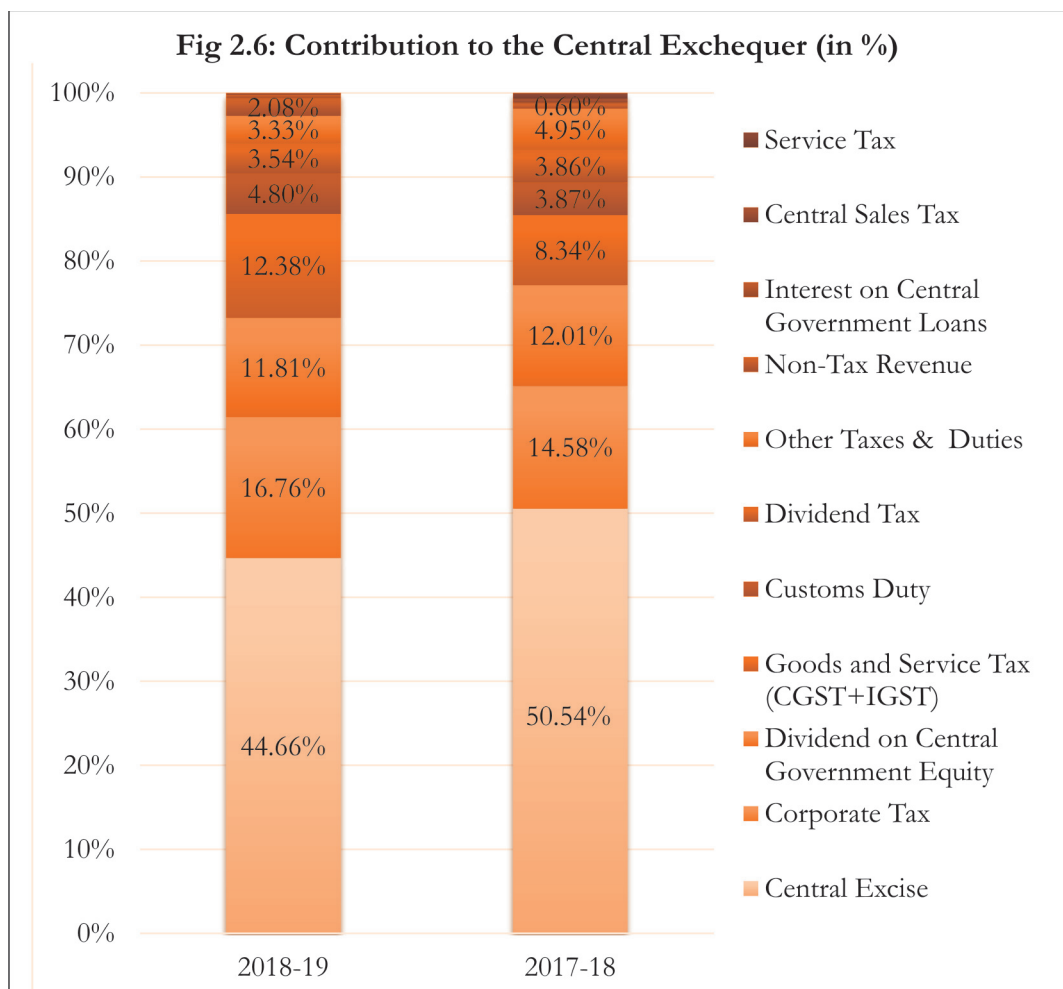


Table 2.6: Contribution to Central Exchequer				(Rs.in crore)
Sr. No.	Particulars	2018-19	2017-18	2016-17
	As Lender			
1	Interest on Central Government Loans	1,185	391	477
	As Owner			
2	Dividend on Central Government Equity	43,552	42,308	45,196
	Taxes and Duties			
3	Central Sales Tax	1,120	1,567	4,743
4	Central Excise	1,64,713	178,070	190,622
5	Customs Duty	17,687	13,621	12,196
6	Corporate Tax	61,826	51,381	52,957
7	Dividend Tax	13,062	13,585	14,221
8	Other Taxes & Duties	12,282	17,453	30,408
9	Service Tax	60	2,512	9,991
10	Non-Tax Revenue	7,670	2,099	0
11	Goods and Service Tax (CGST+IGST)	45,646	29,375	0
	Total	368,803	352,361	360,815



2.8 Cognate Group-wise Analysis

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

2.8.1 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 319.02 billion tons of Coal reserves, 45.66 billion tons of Lignite reserves as on 01.04.2018 as per Annual Report of Ministry of Coal for 2018-19.

Operational Indicators

Table 2.7: Production details			
Particulars	Production		% change
	2017-18	2018-19	
Coal (Million Tonne)	675.40	730.25	8.12
Crude Oil (MMT)	35.68#	37.01*	3.73
Natural Gas (BCM)	32.65#	35.60*	9.04

Source: Annual Report of Ministry of Mines & Ministry of Petroleum and Natural Gas and Ministry of Coal *estimated #provisional

Coal Production:

Table 2.8: Production details of Coal				
Particulars	Production (Million Tons)			
	2017-18	Share (%)	2018-19	Share (%)
Coal India Group	567.37	84.01	606.89	83.11
Singareni Collieries Company Limited	62.01	9.18	64.40	8.82
Captive Production	37.07	5.49	49.88	6.83
Others	8.95	1.33	9.08	1.24
Total	675.40	100.00	730.25	100.00

Source: Annual Report of Ministry of Coal 2018-19

Crude Oil Production

Table 2.9: Production details of Crude Oil				
Particulars	Production (in MMT)			
	2017-18	Share (%)	2018-19 (up to Dec)	Share (%)
Public Sector (CPSEs)	25.62	71.80	18.43	71.05
Private Sector (incl. JVs)	10.06	28.20	7.51	28.95
Total	35.68	100.00	25.94	100.00

Source: Annual Report of Ministry of Petroleum and Natural Gas 2018-19

Natural Gas Production:

Table 2.10: Production details of Natural Gas				
Particulars	Production (in BCM)			
	2017-18	Share (%)	2018-19 (up to Dec)	Share (%)
Public Sector (CPSEs)	26.28	80.53	27.19	83.05
Private Sector (incl. JVs)	6.35	19.46	5.55	16.95
Total	32.63	100.00	32.74	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:

Table 2.11: Financial Indicators of select CPSE and Private sector undertakings

Names of Companies	Net Profit Margin (%)		Return on Asset (%)		Return on Capital Employed (%)		Long Term Debt-Equity Ratio (times)	
	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
Public Sector								
National Aluminium Comp Ltd.	13.54	14.65	9.19	11.44	19.43	26.16	-	-
Hindustan Copper Limited	4.56	7.85	2.86	4.40	8.80	12.98	0.07	0.35
NMDC Limited	31.36	36.43	13.30	15.59	25.53	27.90	-	-
Mahanadi Coalfields Ltd	30.13	32.50	17.50	20.12	251.32	240.41	-	-
Oil & Natural Gas Corp. Ltd.	21.47	22.80	6.85	8.84	15.72	20.91	-	-
Private Sector								
Vedanta Limited#	14.65	11.33	4.93	3.36	13.36	8.85	0.19	0.27
Hindalco Industries Limited#	3.23	2.58	1.74	1.48	6.20	5.44	0.40	0.36
Hindustan Zinc Limited#	38.28	34.74	21.61	18.74	35.46	31.45	-	-

Source: Ratios are calculated based on the data given in Annual Reports 2018-19 of respective companies

Performance of CPSEs

Public Sector (including CPSEs) is playing a limited role in Mining & Exploration sector. There are 24 CPSEs in this group. The details of CPSEs falling under Mining & Exploration Sector including their financial performance and other details are given in Volume-II of Public Enterprises Survey.

2.8.2 Steel Cognate Group

Steel is the most important, multi-functional and most adaptable of materials. India is currently the world's

2nd largest producer of crude steel. The steel sector contributes to around 2% of the country's GDP and employs around 25 lakhs employees in steel/allied sectors.

Operational Indicators

The following table 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.

Table 2.12: Production details of Crude & Finished Steel (in Million Tons)

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19 *
Public Sector	30.04	30.90	33.32	37.70	40.07
Private Sector	159.62	161.80	180.52	192.29	198.07
Total	189.66	192.70	213.85	229.99	238.14
% share of Public Sector	15.84	16.03	15.58	16.39	16.83

Source: Annual Report of Ministry of Steel 2018-19

*provisional

Financial Indicators

The below table summarizes the comparative performance of select Public and Private Sector Companies for the Financial Year 2017-18 and 2018-19.

Table 2.13: Financial Indicators of select CPSE and Private sector undertakings

Names of Companies	Net Profit Margin (%)		Return on Assets (%)		Return on Capital Employed (%)		Long Term Debt-Equity Ratio	
	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
Public Sector								
Ferro Scrap Nigam Ltd.	2.37	7.05	2.24	7.15	7.06	20.94	-	-
Mishra Dhatu Nigam Ltd.	18.88	17.46	9.61	7.16	26.18	19.91	-	0.19
Rashtriya Ispat Nigam Ltd.	-9.21	0.46	-4.32	0.27	-7.07	5.83	0.91	1.27
Steel Authority Of India Ltd.	-0.81	3.23	-0.42	1.87	3.15	9.42	0.83	0.81
Private Sector								
Tata Steel Limited#	6.80	14.43	3.33	7.66	10.69	19.17	0.39	0.37
JSW Steel Limited #	6.81	10.69	5.41	7.87	18.56	25.08	1.07	0.77

Source: Ratios are calculated based on the data given in Annual Reports 2018-19 of respective companies

Performance of CPSEs

Public Sector (including CPSEs) is playing a vital role in Steel sector. There are 4 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.

2.8.3 Petroleum (Refinery & Marketing)

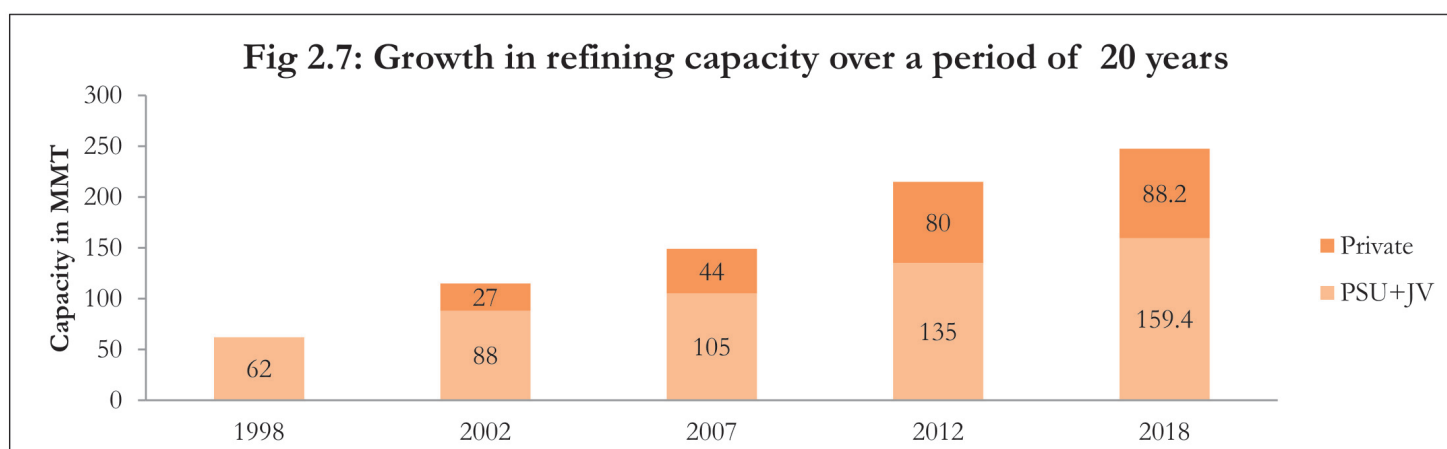
The refining and marketing of petroleum products plays an important role in distribution of petroleum products to commercial and retail consumers through vast network Terminals / Depots. India, which is second largest refiner in Asia after China, is emerging

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.



Source: Ministry of Petroleum and Natural Gas Annual Report, 2018-19

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, Nayara & Shell.

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:

Table 2.14: Financial Indicators of select CPSE and Private sector undertakings								
Names of Companies	Net Profit Margin (%)		Return on Assets (%)		Return on Capital Employed (%)		Long Term Debt-Equity Ratio	
	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
Public Sector								
Indian Oil Corporation Limited	4.19	2.77	7.60	5.35	27.97	20.54	0.20	0.37
Bharat Petroleum Corp. Ltd.	2.85	2.09	7.97	6.17	24.79	19.48	0.43	0.64
Hindustan Petroleum Corp. Ltd.	2.58	2.02	7.32	5.81	29.80	25.49	0.37	0.40
Mangalore Refinery and Petrochemicals Ltd.	3.51	0.46	8.48	1.22	30.25	7.55	0.14	0.30
Private Sector								
Reliance Petro Marketing Ltd. #	0.69	0.62	8.75	8.65	77.7	60.20	-	-

Source: Ratios are calculated based on the data given in Annual Reports 2018-19 of respective companies

Performance of CPSEs

Public Sector (including CPSEs) is playing a vital role in Petroleum (refinery & marketing) sector. There are 6 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.

2.8.4 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 32 operating urea plants in the country manufacturing urea, 21 units produces DAP and complex fertilizers, 2 units manufacturing Ammonium

Sulphate as a by-product and 110 units manufacturing other fertilizers like SSP.

The installed capacity of different operating plants taken together is 496.85 Lakhs Metric Tons (LMT) as on 01.04.2018. The actual production of these plants during 2017-18 was 413.59 LMT. Capacity utilization of different stakeholders is represented below.

Table 2.15: Details of Installed Capacity and Actual Production			
Particulars	Installed Capacity (as on 01.04.2018) (in LMT)	Actual production during 2017-18 (in LMT)	% utilization of installed capacity
Public Sector	86.98	83.8	96.34%
Cooperative Sector	97.54	101.16	103.71%
Private Sector	312.33	228.63	73.20%
Total	496.85	413.59	83.24%

Source: Annual Report (2018-19) of Department of Fertilizers

As seen in the above table, capacity utilization in Public Sector is 96.34% which is significantly higher than private sector producers but lower than Co-operative sector. The average of all sectors taken

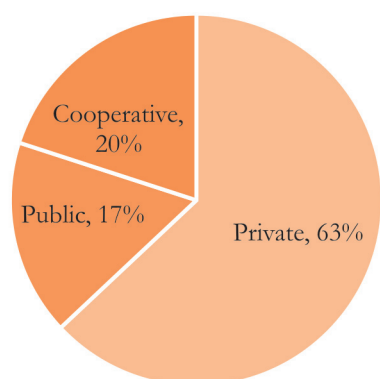
together is 83.24%. The share of different sectors in installed capacity as on 01.04.2018 is depicted below.

The estimated production of all the Fertilizers during the year 2018-19 is expected to be 453.71 LMT showing an increase of 9.7% 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:

Fig 2.8: Installed Capacity



Source: Annual Report 2018-19 of Department of Fertilizers

Table 2.16: Financial Indicators of select CPSE and Private sector undertakings

Names of Companies	Net Profit Margin (%)		Return on Assets (%)		Return on Capital Employed (%)		Long Term Debt-Equity Ratio	
	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
Public Sector								
National Fertilizers Ltd	2.36	2.43	2.21	2.15	24.95	31.21	0.06	0.13
Rashtriya Chemicals and Fertilisers Ltd	1.07	1.55	1.25	1.56	5.87	11.3	0.11	0.14
Madras Fertilizers Ltd	-2.69	-4.87	-2.83	-5.16	*	*	*	*
Private Sector								
Coromandel International Ltd.#	6.13	5.39	6.94	6.71	41.22	38.93	-	-
Zuari Agro Chemicals Ltd#	0.64	-4.06	0.60	-3.63	35.59	15.56	0.48	1.29
Co-operative								
IFFCO#	3.98	2.95	3.10	2.40	12.3	12.66	0.07	0.05

*Long Term Debt-Equity ratio/Return on Capital employed is not calculated as the value of equity/capital employed is negative

Source: Ratios are calculated based on the data given in Annual Reports 2018-19 of respective companies

Performance of CPSEs

Public Sector (including CPSEs) is playing a limited role in production of fertilizers with a share of 17.51% in installed capacity and 20.26% in actual production in 2017-18. 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.

2.8.5 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.

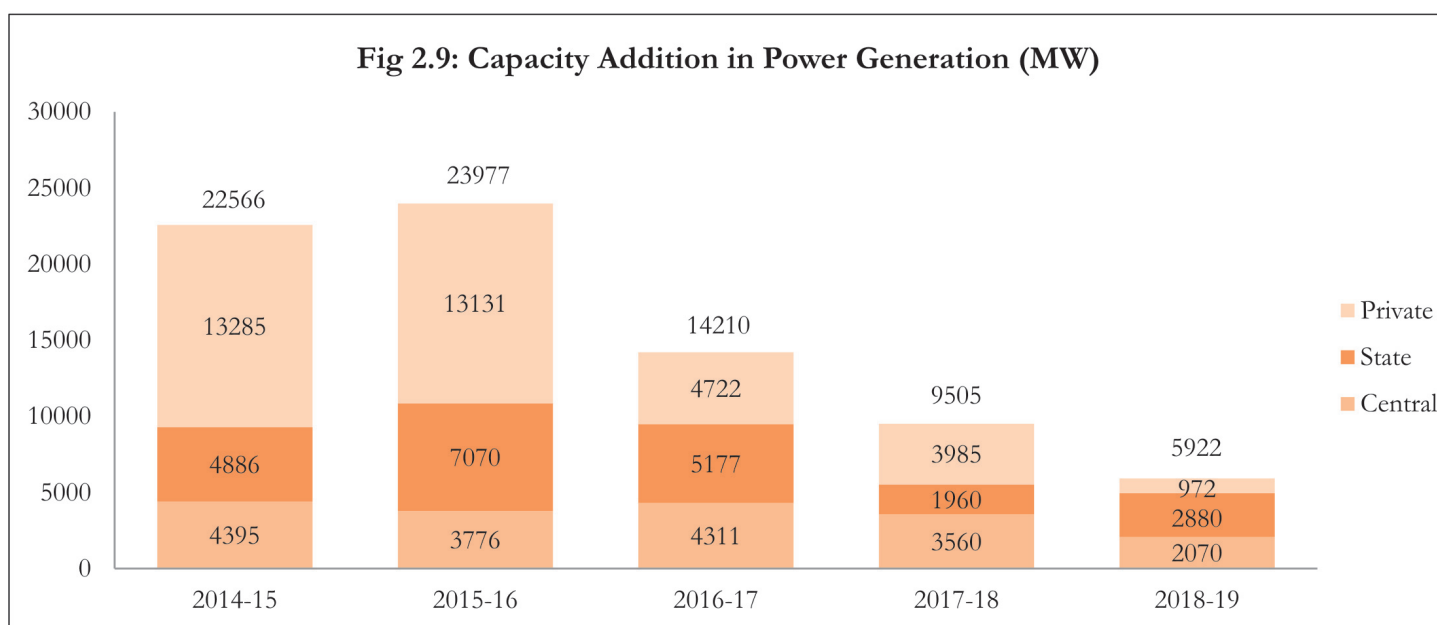
Operational Indicators

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 31.03.2019, the Installed capacity of Power Generation stood at 356.10 GW. The distribution of installed capacity among various sectors is given below.

Table 2.17: Details of Installed Capacity of Power Generation			
Sl. No.	Sector	Installed capacity as on 31.03.2019 (GW)	%age share
1	State	105.07	29.50
2	Central	86.60	24.32
3	Private	164.43	46.18
	Total	356.10	100.00

During the year 2018-19 there was an addition of generation capacity of 5921.76 MW. The graph below depicts the capacity addition during the recent years and the breakup of it among different sectors.



Source: Annual Report 2018-19 of Ministry of Power

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:

Table 2.18: Financial Indicators of select CPSE and Private sector undertakings

Names of Companies	Net Profit Margin (%)		Return on Assets (%)		Return on Capital Employed (%)		Long Term Debt-Equity Ratio	
	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
Public Sector								
NTPC Ltd.	12.14	12.75	3.86	4.04	9.30	5.97	1.07	1.11
Nuclear Power Corp. of India Ltd.	28.86	23.98	4.93	3.33	8.32	6.02	0.92	1.04
NHPC Ltd.	32.88	26.55	4.98	4.41	8.43	10.03	0.59	0.58
Private Sector								
Adani Power Limited#	-0.28	-6.48	-0.12	-0.78	16.84	3.98	0.24	0.49
Tata Power Company Limited#	-37.22	20.23	-8.63	4.48	-7.92	14.02	0.55	0.55

Source: Ratios are calculated based on the data given in Annual Reports 2018-19 of respective companies

Performance of CPSEs

Public Sector (including CPSEs) is playing a vital role in Power Generation sector. There are 13 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.

2.8.6 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. Tele-density (number of telephones per 100 populations) in India was 90.10% as on 31.03.2019.

Table 2.19: Details of Telephone connection

S. No.	Sector	31.03.2018 (Millions)	%age share	31.03.2019 (Millions)	%age share
1	Public	131.60	10.86	133.51	11.28
2	Private	1080.20	89.14	1049.90	88.72
	Total	1211.80	100.00	1183.41	100.00

Source: Department of Telecommunications

The private sector now firmly dominates the telecom sector with a share of 88.72% of total telephone connections. However during 2018-19, Telephone connections of Public Sector increased by 1.91 million while of Private Sector reduced by 30.30 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 2.20: Financial Indicators of select CPSE and Private sector undertakings

Names of Companies	Net Profit Margin (%)		Return on Assets (%)		Return on Capital Employed (%)		Long Term Debt-Equity Ratio	
	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
Public Sector								
MTNL	-95.40	-130.06	-18.30	-23.10	-37.11	-97.11	*	*
BSNL	-31.88	-77.14	-6.02	-11.00	-8.18	-14.9	0.18	0.27
RailTel Corp. India Ltd.	15.24	10.80	6.91	5.09	15.64	14.32	-	-
Private Sector								
Bharti Airtel Limited#	0.15	-3.67	0.04	-0.82	3.32	1.68	0.53	0.60
Reliance Jio Infocomm Ltd.#	3.59	7.63	0.28	1.51	2.29	8.21	0.34	1.62

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

Source: Ratios are calculated based on the data given in Annual Reports 2018-19 of respective companies

Performance of CPSEs

Public Sector (including CPSEs) is playing a limited role in Telecom sector with 11.28% share in total market coverage in 2018-19. There are 8 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 31 March 2016 or thereafter:

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

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 companies of above

Implementation of Ind-As w.e.f. 01.04.2018

- NBFCs with net worth more than or equal to 500 crore.

During 2018-19, 196 operating CPSEs have prepared their financial statements as per Ind-AS in comparison to 171 operating CPSEs in FY 2017-18.

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.

Ministry of Corporate Affairs (MCA) amended Schedule III vide Gazette Notification dated 6th April 2016, 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 three parts i.e. Division I, II and III as under:

- 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) other than Non-Banking Finance Companies
- Division III is applicable to Non-Banking Finance Company whose financial statements are drawn up in compliance with Ind-AS.

The respective CPSEs have presented their financial statements as per Division- I, II and III 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 IndAS 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.

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 is applicable w.e.f. 01.04.2018, PE Survey 2018-19 covers the restated figures for FY 2017-18.

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 Aggregate Profit and Loss of operating CPSEs

Aggregate net profit reported by operating CPSEs is Rs 1,42,951.30 crore in FY 2018-19 as against Rs 1,23,750.96 crore in the FY 2017-18, showing an increase of 15.52% in 2018-19 as against decrease of 1.39 % in 2017-18.

Detailed Statement of Profit and Loss of all Operating CPSEs with increase or decrease over previous year can be seen in Table 3.1

Table 3.1: Aggregate Statement of Profit and Loss of operating CPSEs			
(In Rs crore)			
PARTICULARS	2018-19	2017-18	% GR
(I) Revenue from Operations (Gross)			
i. Sale of Products	2195051.02	1836744.47	19.51
ii. Sale of Services	178535.59	157916.15	13.06
iii. Other Operating Income	169782.89	160113.35	6.04
Total (i+ii+iii)	2543369.50	2154773.97	18.03
Less : Excise Duty	163866.54	180871.02	-9.40
Revenue from Operations (Net)	2379502.96	1973902.95	20.55
(II) Other Income	61066.60	57912.40	5.45
(III) Total Revenue (I+II)	2440569.56	2031815.35	20.12
(IV) Expenditure on:			
(a) Cost of materials consumed	718449.59	523237.02	37.31
(b) Purchase of stock-in-trade	748792.78	622292.76	20.33
(c) Changes in inventories of finished goods, work-in-progress and stock in trade	-23542.76	-6795.51	246.45
(d) Stores & Spares	12846.47	9671.81	32.82
(e) Power & Fuel	109709.45	92576.93	18.51
(f) Salary, Wages & Benefits/Employees Expense	152657.32	153929.43	-0.83
((g) Other Operating / direct/manufacturing Expenses	231455.45	190089.26	21.76
(h) Rent, Royalty & Cess	43196.60	12472.77	246.33
(i) Loss on sale of Assets/Investments	511.17	704.82	(27.48)

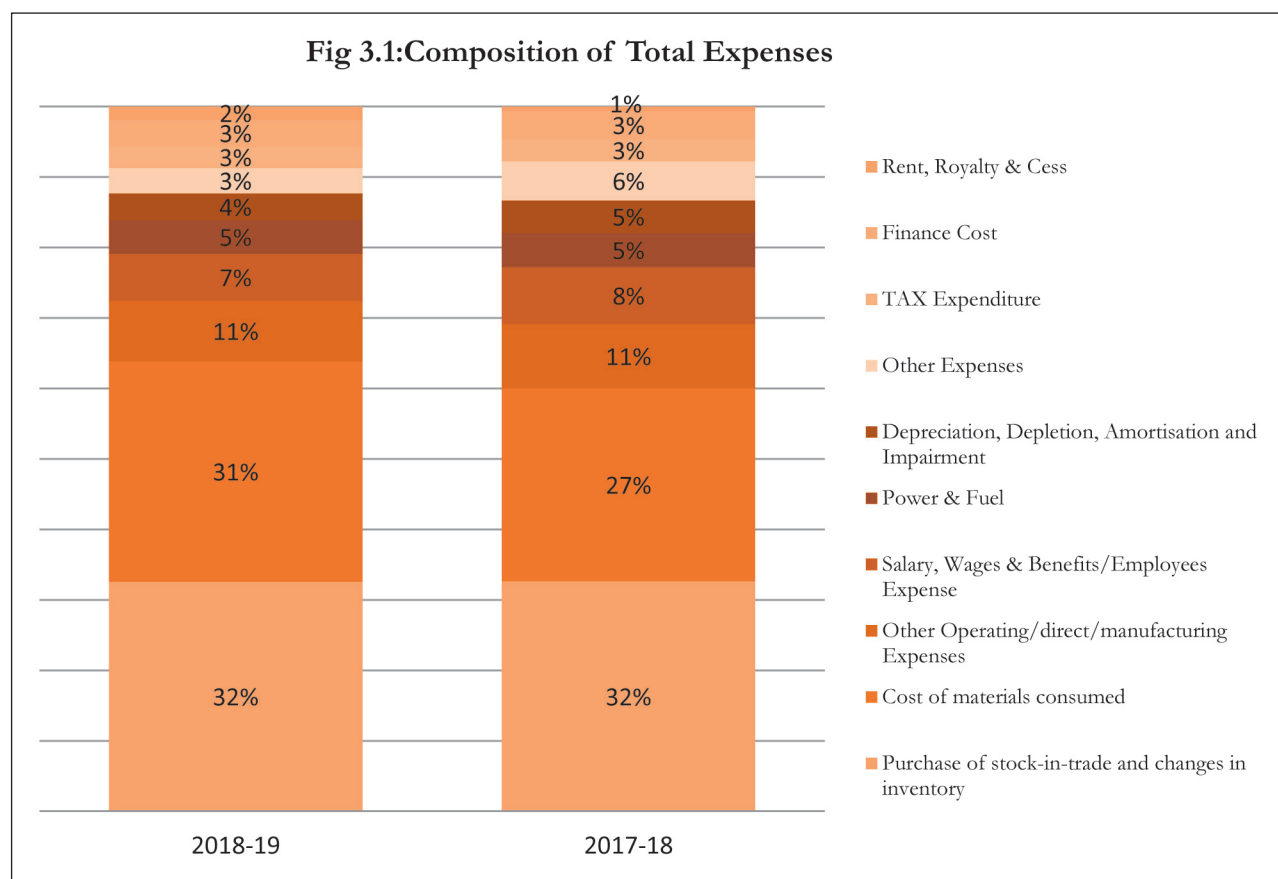
(j) Other Expenses	78412.68	107885.35	(27.32)
Total Expenditure (IV (a to j))	2072488.75	1706064.64	21.48
(V) PROFIT BEFORE DEPRECIATION, & IMPAIRMENT, FINANCE CHARGES/ INTEREST, EXCEPTIONAL & EXTRAORDINARY ITEMS & TAXES (PBDIET) (III-IV)	368080.81	325750.71	12.99
(VI) Depreciation, Depletion & Amortization	84933.69	81704.18	3.95
(VII) Impairment	2821.02	6702.73	(57.91)
(VIII) PROFIT BEFORE FINANCE COST/INTEREST, EXCEPTIONAL, EXTRA-ORDINARY ITEMS & TAXES (PBIEET)(V-VI-VII)	280326.10	237343.80	18.11
(IX) Finance Cost			
(a) On Central Government Loans	14274.78	8349.52	70.97
(b) On Foreign Loans	7267.32	6308.96	15.19
(c) Others	53542.64	51671.12	3.62
(d) Less Finance Cost Capitalized	11823.99	10384.10	13.87
(e) Charged to P & L Account (a+b+c -d)	63260.75	55945.50	13.08
(X) PROFIT BEFORE EXCEPTIONAL & EXTRA-ORDINARY ITEMS & TAX (PBEET)(VIII-IXe)	217065.35	181398.30	19.66
(XI) Exceptional Items	4020.17	-1920.39	-
(XII) Extra-Ordinary Items	-162.29	-894.01	-81.85
(XIII) PROFIT BEFORE TAX (PBT)(XII-XIII)	213207.47	184212.70	15.74
(XIV) TAX PROVISIONS	70359.27	60421.82	16.45
(XV) NET PROFIT / LOSS FOR THE PERIOD FROM CONTINUING OPERATIONS AFTER TAX(XIV-XV)	142848.20	123790.88	15.39
(XVI) Profit/Loss from discontinuing operations	133.99	-37.59	-
(XVII) Tax expenses of discontinuing operations	30.89	2.33	1225.75
(XVIII) Profit/Loss from discontinuing operations (after Tax)(XVII-XVIII)	103.10	-39.92	-
(XX) Profit/Loss for the period (XVI+XIX)	142951.30	123750.96	15.52

3.2.1 Component of Total Expenses of Operating CPSEs (in Percent):

The total expenses excluding Excise duty and expenditure on discontinued operations, recorded by operating CPSEs for the FY 2018-19 is Rs.22,93,863 crore against Rs.19,10,839 crore in FY 2017-18 showing an increase by 20.04%.

As seen in Fig 3.1, major expenditure incurred by CPSEs in FY 2018-19 are purchase of stock in trade and changes in inventory (32%), followed by cost of materials consumed (31%) , Other Operating Expenses (11%), Salaries, Wages & Benefits/Employees Expenses (7%), Power & Fuel (5%), Depreciation, Depletion, Amortization and Impairment (4%). Finance cost (3%) and Tax expenditure share(3%).

Fig 3.1:Composition of Total Expenses



Box 3.1 Macro View of Performance of operating CPSEs during last ten years (Rs in Crore)

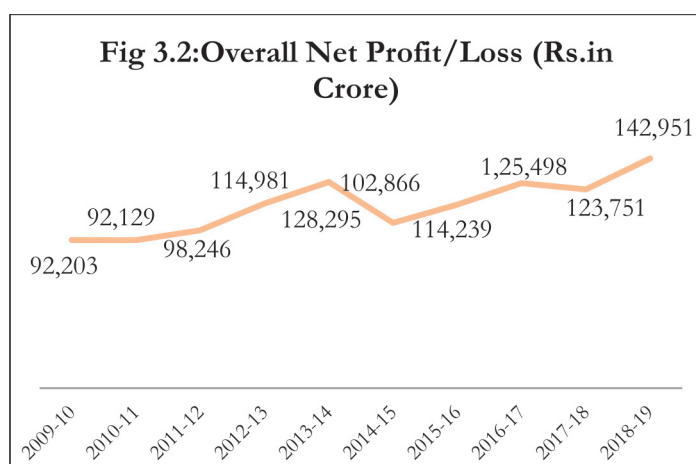
Particulars	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
No. of Operating CPSEs	217	220	225	230	234	236	244	257	258	249
Capital Employed	9,08,007	11,53,833	13,37,821	15,08,177	17,10,453	18,33,274	20,37,318	21,38,069	23,21,637	25,69,668
Total Gross Turnover	12,44,805	14,98,018	18,22,049	19,45,814	20,66,057	19,95,176	18,34,635	19,55,675	21,54,774	25,43,370
Total Net Income/Revenue	12,72,219	14,70,569	18,04,614	19,31,186	20,56,336	19,65,638	17,64,113	18,21,971	20,31,815	24,40,570
Net worth	6,52,993	7,09,498	7,76,162	8,50,921	9,26,663	9,62,518	10,79,953	10,66,885	10,97,647	11,80,287
Profit before dep., Impairment, Int, Exc, Items & Taxes (PBDIEET)	2,11,184	2,16,602	2,50,654	2,55,936	2,89,361	2,70,400	2,75,457	2,99,028	3,25,751	3,68,081
Depreciation, Depletion & Amortization	51,168	57,118	63,591	66,109	69,817	77,500	67,764	73,739	81,704	84,934
DRE/Impairment	9,565	187	154	436	851	554	347	277	6,703	2,821
Profit before Int, Exc. Items, Ex.Or. Items & Taxes(PBIEET) (6-7-8)	1,60,017	1,59,298	1,86,910	1,89,390	2,18,693	1,92,346	2,07,346	2,25,012	2,37,344	2,80,326
Interest	36,060	26,521	36,152	38,184	51,638	44,942	51,449	47,229	55,946	63,261
Profit before Exc. Items, Ex.Or. Items & Taxes(PBEET) (9-10)	1,23,957	1,32,777	1,50,758	1,51,207	1,67,055	1,47,412	1,55,897	1,77,784	1,81,398	2,17,065
Exceptional Items	-	(1,479)	3,957	(13,525)	(14,618)	(1,335)	7,766	(889)	(1,920)	4,020
Profit before Ex.Or. Items & Taxes(PBET) (11+-12)	1,23,942	1,34,256	1,46,802	1,64,732	1,81,673	1,48,747	1,48,131	1,78,673	1,83,319	2,13,045
Extra-Ordinary Items	(8,280)	(2,695)	(428)	(1,276)	(1,550)	(1,394)	(9,553)	(34)	(894)	(162)

Profit before Taxes(PBT) (13+-14)	1,32,222	1,36,951	1,47,230	1,66,008	1,83,223	1,50,141	1,57,684	1,78,707	1,84,213	2,13,207
Tax Provisions	40,018	44,871	48,985	51,025	55,178	47,230	43,653	53,183	60,422	70,359
Net Profit/Loss after Tax from Continuing Operations (15-16)	92,203	92,079	98,245	1,14,982	1,28,045	1,02,911	1,14,031	1,25,523	1,23,791	1,42,848
Net Profit/Loss after Tax from Discontinuing Operations	-	49	1	(1)	250	(45)	208	(25)	(40)	103
Overall Net Profit/Loss (17+-18)	92,203	92,129	98,246	1,14,981	1,28,295	1,02,866	1,14,239	1,25,498	1,23,751	1,42,951
Profit of Profit-making CPSEs	1,08,434	1,13,944	1,25,929	1,43,543	1,49,636	1,30,364	1,44,991	1,52,978	1,55,931	1,74,587
Loss of Loss-making CPSEs	(16,231)	(21,816)	(27,683)	(28,562)	(21,341)	(27,498)	(30,756)	(27,480)	(32,180)	(31,635)
Profit -making CPSEs (No.)	157	158	161	151	164	159	164	175	183	178
Loss -making CPSEs (No.)	60	62	64	78	70	76	79	81	72	70
CPSEs making no Profit/ Loss (No.)	-	-	-	1	-	1	1	1	2	1
Dividend	33,223	35,700	42,627	49,703	65,115	56,527	68,583	78,129	76,014	71,916
Dividend Tax	5,151	5,372	5,877	6,704	8,709	8,642	10,598	14,419	12,880	12,623

The net profit of profit making CPSEs has registered growth of 11.96 % in 2018-19, which has increased to Rs.1,74,587 crore in 2018-19 from Rs. 1,55,931 crore in 2017-18. The loss of loss incurring CPSEs, on the other hand, was Rs 31,635 crore in 2018-19 as compared to Rs 32,180 crore in 2017-18. 70 CPSEs reported losses in 2018-19 as against 72 CPSEs in 2017-18. 178 enterprises earned profit in 2018-19 as against 183 enterprises in 2017-18. One enterprise namely Food Corporation of India 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.

3.2.2 Overall Net Profit/Loss:

As seen in Fig 3.2 the overall net profit of operating CPSEs has shown broadly increasing trend over the years except in FY 2014-15 & 2017-18. The net profit of operating CPSEs has increased from Rs. 92,203 crore in FY 2009-10 to 1,42,951 crore in FY 2018-19



3.2.3 Profit Making CPSEs

The profit of profit making CPSEs stands at Rs.1,74,587 crore in FY 2018-19 as compared to Rs. 1,55,931 crore showing an increase of 11.96%. As seen in Fig 3.3, the number of profit making CPSEs has steadily increased from FY 2014-15 before decreasing in 2018-19. The number of profit making CPSEs stood at 178 in FY 2018-19 vis-a-vis 183 in FY 2017-18.

Fig 3.3: Number of Profit Making CPSEs

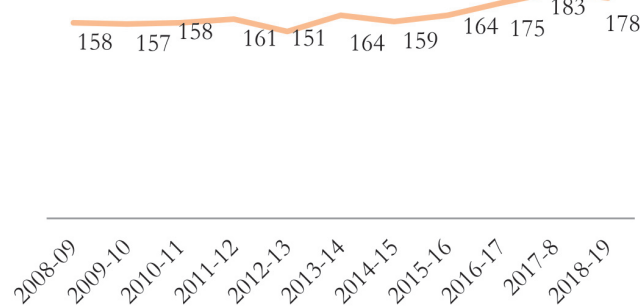
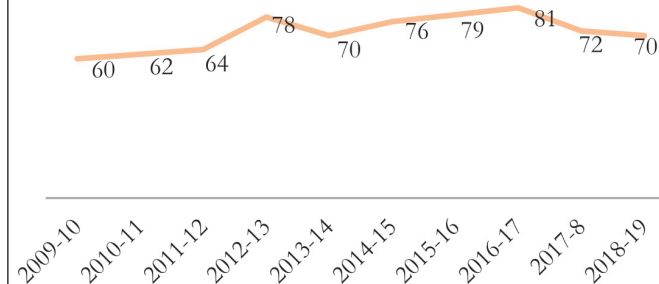


Fig 3.4: Number of Loss-making CPSEs



3.2.4 Loss Making CPSEs

The loss of loss making CPSEs stands at Rs. 31,635 crore in FY 2018-19 as compared to Rs. 32,180 crore in FY 2017-18 showing a decrease of 1.69%. The number of loss making CPSEs has decreased from 72 to 70 in FY 2018-19 (Fig 3.4).

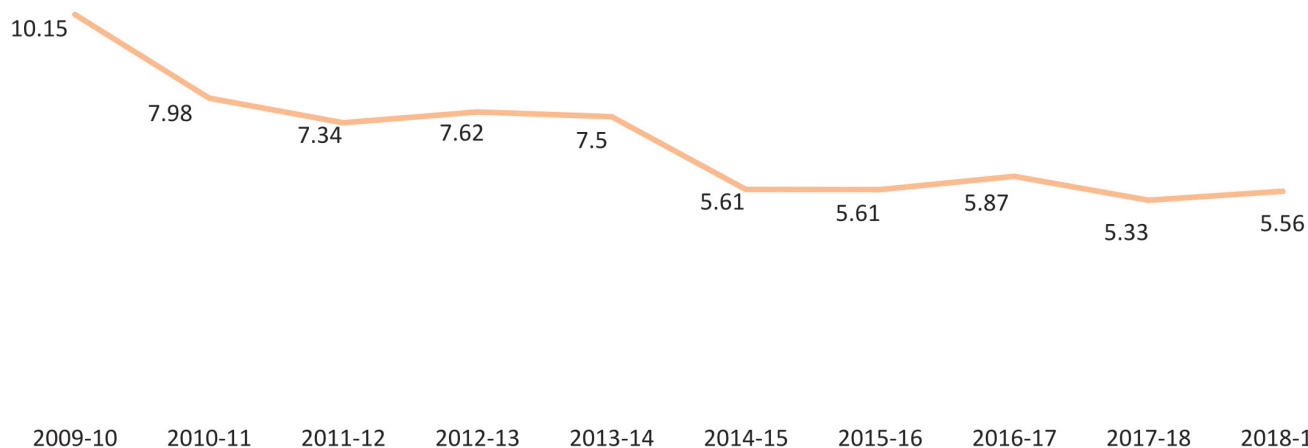
3.2.5 Profitability Indicators

Box 3.2 and Fig 3.5 below depict different Financial Ratios relating to the aggregate performance of operating CPSEs, for the last ten years.

Box 3.2: Profitability ratios of Operating CPSEs

Particulars	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Net Revenue from Operations to Capital employed (%)	137.09	129.83	136.20	129.02	120.79	108.83	83.34	82.11	85.02	92.60
Net Profit to Capital Employed (%)	10.15	7.98	7.34	7.62	7.50	5.61	5.61	5.87	5.33	5.56
Net Profit to Total Income (%)	7.25	6.26	5.44	5.95	6.24	5.23	6.48	6.89	6.09	5.86
Net Profit to Net Worth (%)	14.12	12.99	12.66	13.51	13.84	10.69	10.58	11.76	11.27	12.11
Dividend Payout Ratio (%)	36.03	38.75	43.39	43.23	50.75	54.95	60.03	62.26	61.42	50.31
Tax Provision to PBEET (%)	32.28	33.79	32.49	33.75	33.03	32.04	28.00	29.91	33.31	32.41
Debt/Equity Ratio (times)	2.98	2.95	3.63	3.86	4.25	4.44	4.75	0.93	1.05	1.12

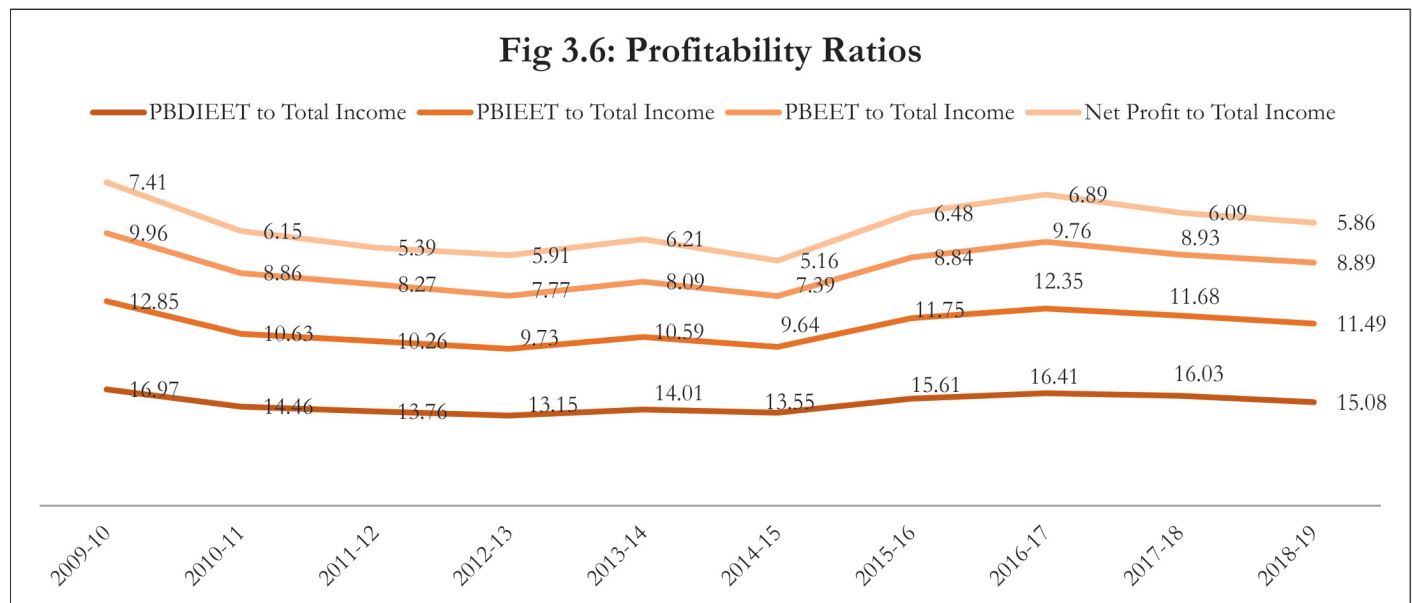
Fig 3.5: Analysis of Profit w.r.t Capital Employed(%)



3.3 Profitability Margins:

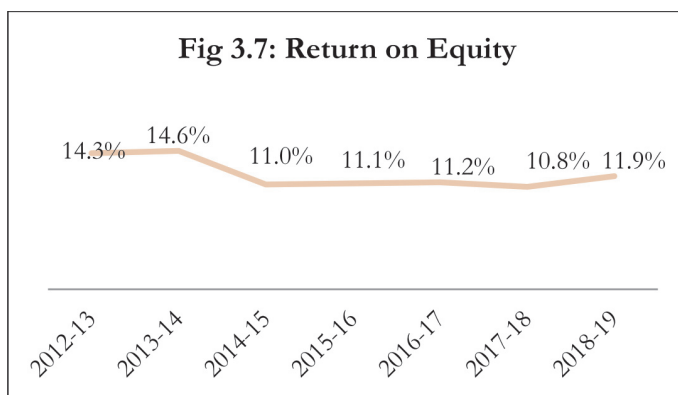
Analysis of profitability margins in Fig 3.6 shows mixed trends over the years. However, profitability margins

which have increased in 2015-16 and 2016-17, have started declining in 2017-18 and further in 2018-19.



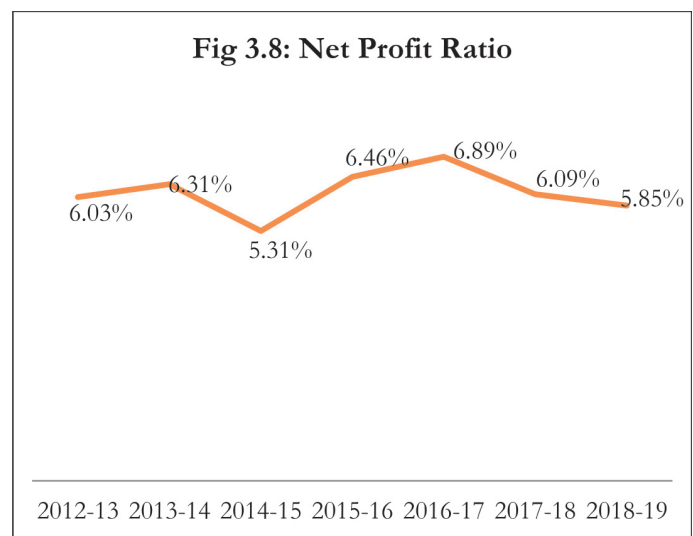
3.3.1 Return on Equity of Operating CPSEs

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



Net Profit Ratio measures the relationship between net profit and Income of the business. Net Profit reflects the proportion of revenue that finds its way into profits. A high net profit ratio will ensure 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 5.85% in FY 2018-19, decreased from 6.09% in FY 2017-18 and 6.89% in FY 2016-17 as seen in the Fig 3.8.

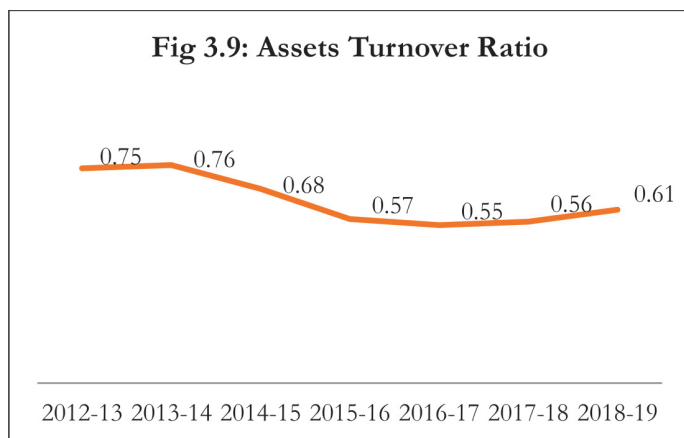


3.3.2 Net Profit Ratio:

The Net Profit Margin is the after- tax profit a company generates 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.

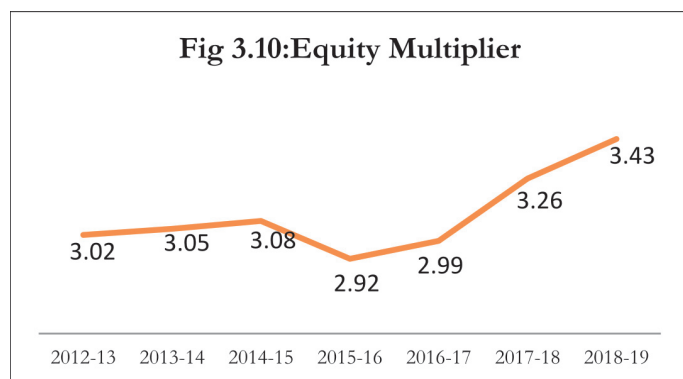
3.3.3 Asset Turnover Ratio

The asset turnover ratio is a measure of how effectively a company converts its assets into sales. The Asset Turnover is computed by dividing Total income with Average Total Assets. The Assets Turnover has reduced from 0.75 in FY 2012-13 to 0.61 in FY 2018-19 showing a decrease of 18.67% (Fig 3.9).



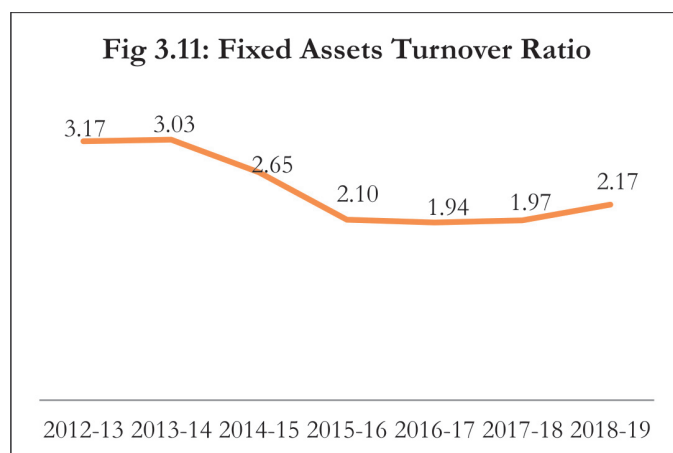
3.3.4 Equity Multiplier/Leverage

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 3.10, the equity multiplier has shown drastic increase during FY 2017-18 & 2018-19.



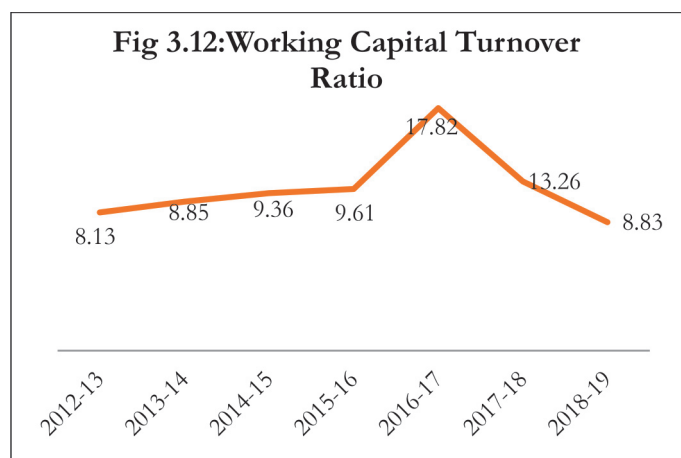
3.3.5 Fixed Assets Turnover Ratio

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 3.11 below, the ratio decreased from 3.17 in FY 2012-13 to 2.17 in FY 2018-19 showing a decrease of 31.55%.



3.3.6 Working Capital Turnover Ratio:

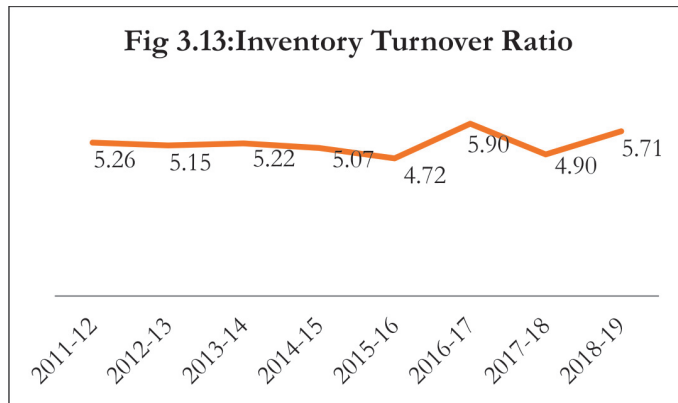
This ratio establishes the relationship between the Cost of Goods Sold during the year and Working Capital during the year. It measures the efficiency in using the working capital. The ratio is computed by dividing Cost of Goods Sold with average working capital. As seen in Fig 3.12, the Working Capital Turnover has increased from 8.13 in FY 2012-13 to 8.83 in FY 2018-19.



3.3.7 Inventory Turnover Ratio

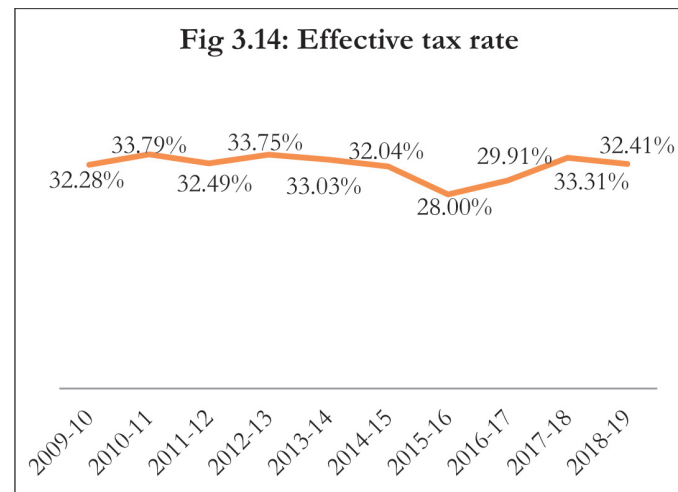
Inventory turnover ratio establishes the relationship between the cost of goods sold during the year and average inventory held during the year. It measures the efficiency with which a firm utilizes or manages its inventory. It is computed by dividing Cost of Goods Sold with Average Inventory.

As seen in the Fig 3.13 below, the Inventory Turnover Ratio has increased from 5.26 in FY 2011-12 to 5.71 in FY 2018-19.



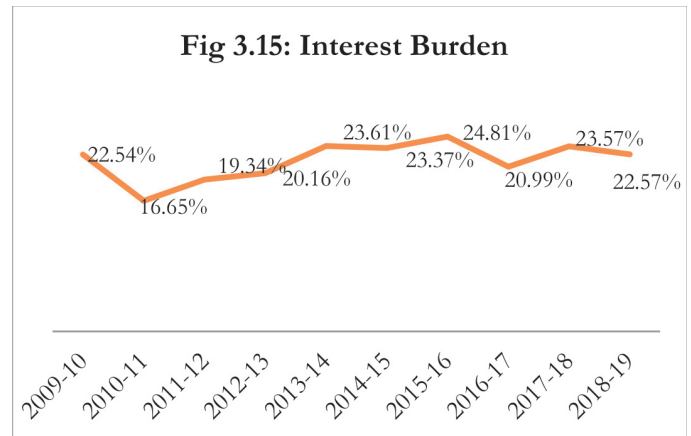
3.3.8 Effective Tax Rate

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 32.41 % in 2018-19 (a decrease of 2.69% from 2017-18 when it was 33.31%). The trend of effective tax rate can be seen in Fig 3.14.



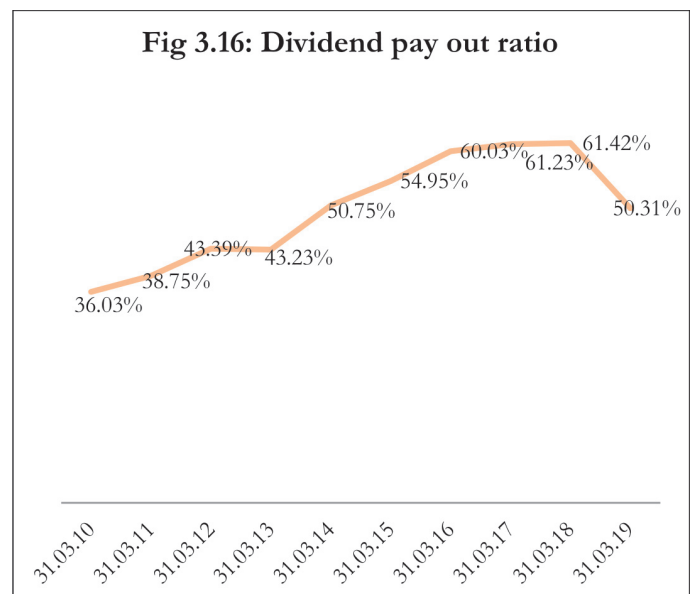
3.3.9 Interest Burden

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 decreased from 23.57% in FY 2017-18 to 22.57% in FY 2018-19. The trend of Interest burden on CPSEs is mixed and can be seen in Fig 3.15.



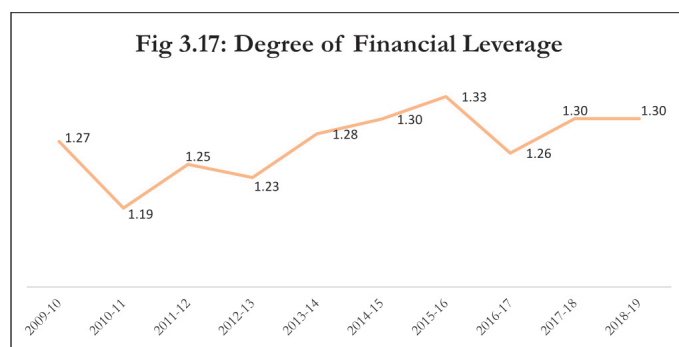
3.3.10 Dividend Pay-out Ratio:

The Dividend Pay-out Ratio of CPSEs is measured as Dividend declared/Paid excluding the Dividend Distribution Tax divided by Net Profit/Loss. As seen in Fig 3.16, the dividend pay-out ratio has increased steadily over the years. The dividend pay-out ratio as on 31.03.2019 is 50.31% decreased from 61.42% as on 31.03.2018.



3.3.11 Financial Leverage:

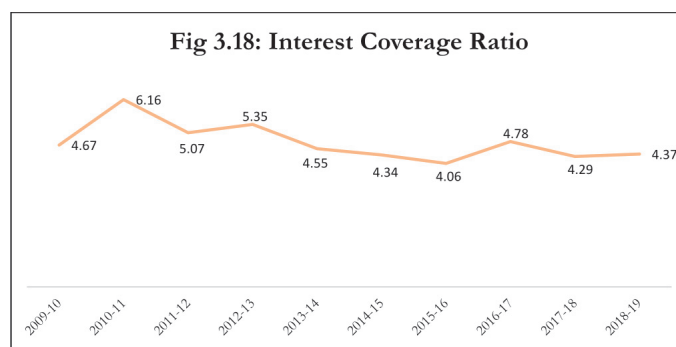
Financial Leverage is the ability of the company to use fixed financial charges (Interest Cost) to magnify the effect of changes in Earnings before Interest and Tax (EBIT) on Earnings per share i.e. earnings available to share Holders. Degree of Financial Leverage (DFL) is calculated as Profit before Interest and Tax divided by Profit before Tax. As seen in Fig 3.17, the DFL has shown mixed trend over the years. It has remained constant during the last two years viz. 2017-18 and 2018-19.



fall without causing any embarrassment to the firm regarding the payment of interest charges.

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 2018-19 has increased from 4.29 in FY 2017-18 to 4.37 in FY 2018-19. The Movement of ICR over the past 10 years can be seen at Fig 3.18.



3.3.12 Interest Coverage Ratio (ICR)

This ratio also known as “Times Interest Earned Ratio” indicates the firm’s ability to meet interest obligations. This ratio indicates the extent to which earnings may

3.4 Aggregate Balance Sheet of Operating CPSEs

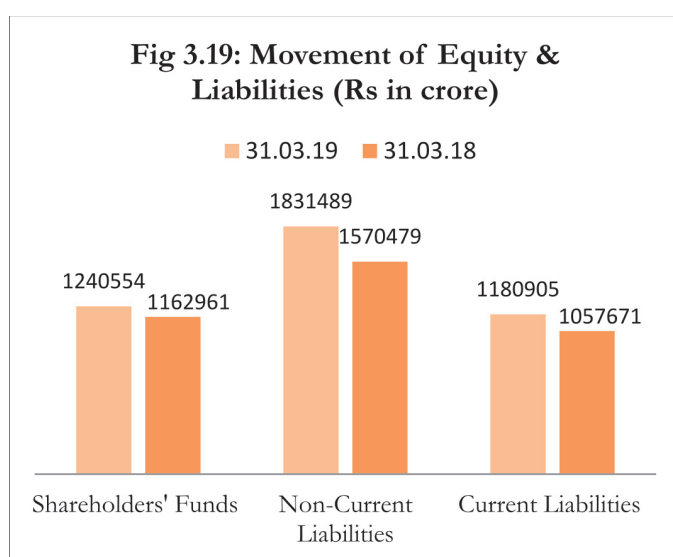
Table 3.2: Aggregate Balance Sheet of Operating CPSEs

Table 3.2: Aggregate Balance Sheet of Operating CPSEs			
BALANCE SHEET	(In Rs crore)		
PARTICULARS	As on 31.03.19	As on 31.03.2018	% GR
I. EQUITY & LIABILITIES			
(1) Shareholders' Funds			
(a) Share Capital	247549.38	236356.26	4.74
(b) Reserves & Surplus	993004.18	926604.56	7.17
(c) Money received against share warrants	0.00	0.00	
Total Shareholders' Funds (1(a)+1(b)+1(c))	1240553.56	1162960.82	6.67
(2) Share application money pending allotment	1493.7	1146.96	30.23
(3) Non-current Liabilities			
(a) Long Term Borrowings	1327621.15	1157529.76	14.69
(b) Deferred tax liabilities (Net)	111226.78	108072.34	2.92
(c) Other Long-term liabilities	264003.66	181393.7	45.54
(d) Long-term provisions	128637.86	123483.53	4.17
Total Non-Current Liabilities 3(a) to 3(d)	1831489.45	1570479.33	16.62

(4) Current Liabilities			
(a) Short Term Borrowings	357273.26	302821.7	17.98
(b) Trade Payables	223846.86	203176.68	10.17
(c) Other current liabilities	541288.98	484084.17	11.82
(d) Short-term provisions	58495.63	67588.51	-13.45
Total Current Liabilities 4(a) to 4(d)	1180904.73	1057671.06	11.65
TOTAL EQUITY & LIABILITIES (1+2+3+4)	4254441.44	3792258.17	12.19
II. ASSETS			
(1) Non-Current Assets			
(a) Total Gross Fixed Assets	1737157.30	1593177.19	9.04
(ai) Accumulated Depreciation, Depletion & Amortisation	535198.10	452520.45	18.27
(aii) Accumulated Impairment	9.94	683.8	-98.55
(b) Total Net Fixed Assets ((a)-(ai)-(aii))	1201949.26	1139972.94	5.44
(c) Capital work in progress	342394.21	302548.38	13.17
(d) Intangible assets under developmet	45113.86	46253.48	-2.46
(e) Non-Current Investments	291287.98	269824.24	7.95
(f) Deferred Tax Assets (Net)	38273.4	46219.2	-17.19
(g) Long Term Loans and Advances	740051.19	635148.39	16.52
(h) Other Non-Current Assets	164667.9	137166.73	20.05
Total Non-Current Assets (b+c+d+e+f+g+h)	2823737.8	2577133.36	9.57
(2) Current Assets			
(a) Current Investments	25218.34	25063.58	0.62
(b) Inventories	330628.34	298520.1	10.76
(c) Trade Recievables	495330.5	406082.33	21.98
(d) Cash & Bank Balance	168690.79	169554.5	-0.51
(e) Short-term Loans & Advances	105508.92	87785.95	20.19
(f) Other Current Assets	305326.74	228118.35	33.85
Total Current Assets (a+b+c+d+e+f)	1430703.63	1215124.81	17.74
TOTAL ASSETS (1+2)	4254441.44	3792258.17	12.19

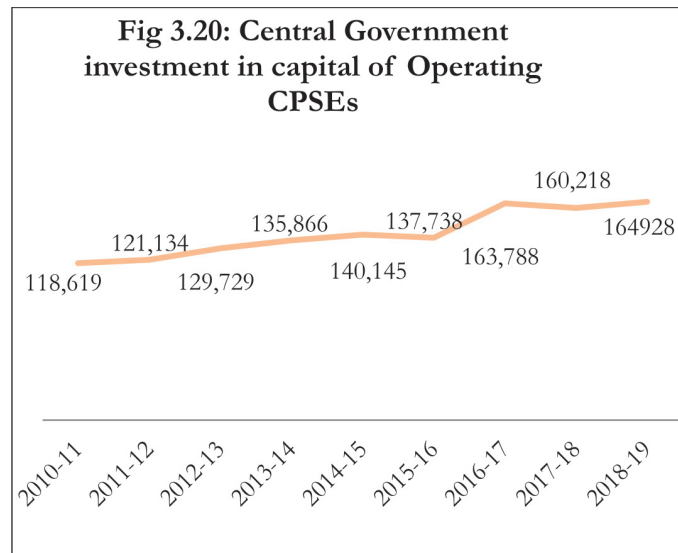
Total Equity and Liabilities/ Total Assets of all operating CPSEs stood at Rs.42,54,441.44 crores as on 31.03.2019 against Rs.37,92,258.17 crore on 31.03.2018 recording an increase of 12.19%. As seen in the Table 3.2, maximum increase is noted in Other Long Term Liabilities 45.54%, followed by Other Current Asset 33.85%, Share application money pending allotment 30.23%, Trade receivables 21.98%, Short Term loans and advances 20.19% and Other Non-current assets 20.05%.

The Movement of major heads of Equity & Liabilities can be seen below in Figure 3.19.



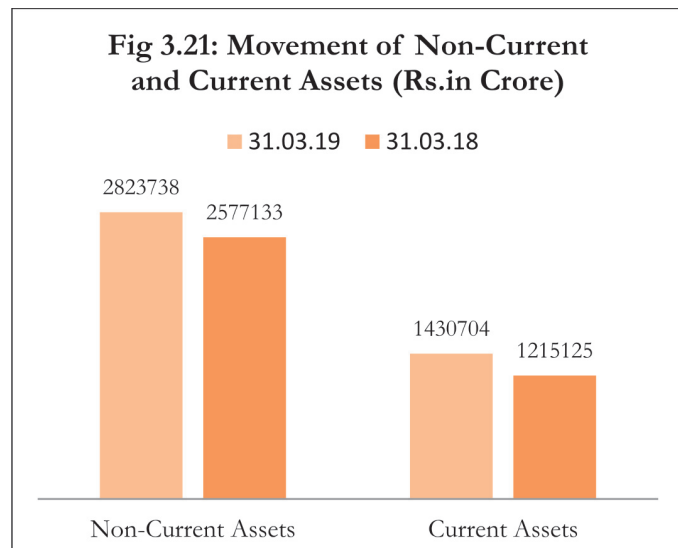
3.4.1 Central Government investment in Capital of CPSEs

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 2.94% from Rs 1,60,218 crore as on 31.03.2018 to Rs.1,64,928 crore as on 31.03.2019. Movement of Central Government investment in Capital of CPSEs can be seen in Fig 3.20 below.



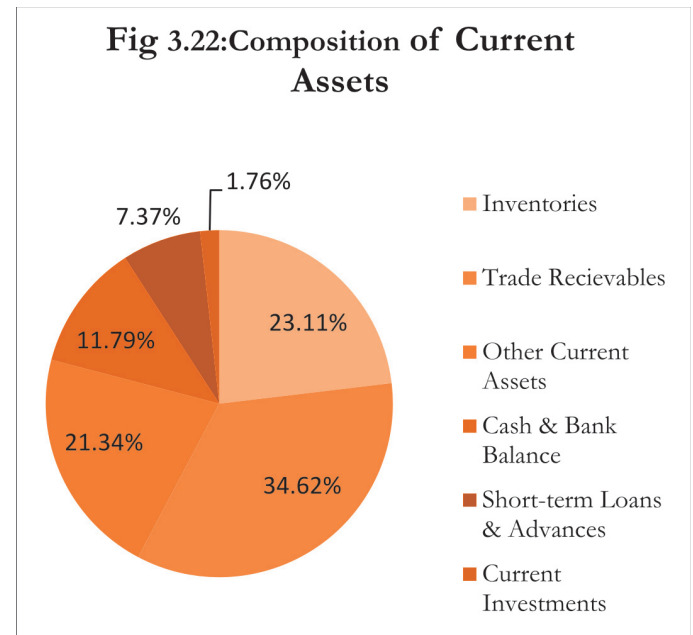
3.4.2 Movement of Non-Current and Current Assets

The movement of Non-Current Assets and Current Assets as on 31.03.19 and 31.03.18 can be seen below in Figure 3.21. All the major heads have shown an increase as on 31.03.2019 as compared to 31.03.2018.



Out of the total assets of the operating CPSEs i.e.Rs.42,54,441.44 crore, the Non-Current Assets constitute 66.37% i.e. Rs. 28,23,737.8 crore and Current Assets constitute 33.63% i.e.Rs. 14,30,703.63 crore. Non-Current assets as on 31.03.2019 recorded an increase of 9.57%, and Current Assets recorded an increase of 17.74% as compared to 31.03.2018. (Fig 3.21)

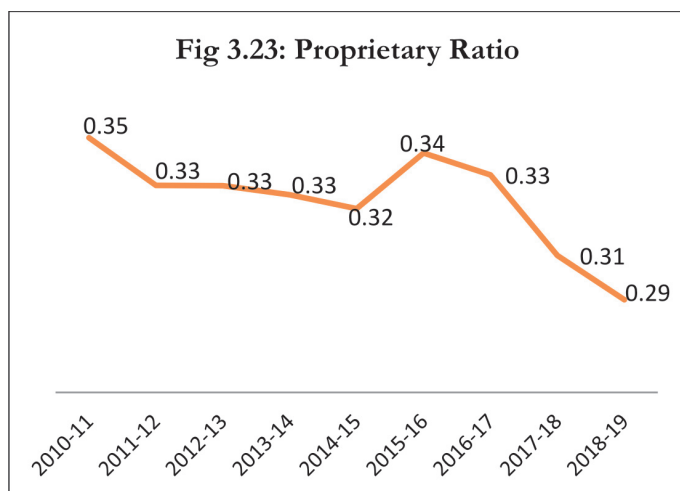
3.4.3 Composition of Current Assets



As seen in Fig 3.22, Trade Receivables comprise 34.62% share of total Current Assets, followed by Inventories (23.11%), Other Current Assets (21.34%), and Cash & Bank Balances (11.79%).

3.4.4 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 3.23 the proportion of Total Assets financed by shareholders is in the range of 0.29 to 0.35.



3.5 Performance of Listed CPSEs

There were 56 CPSEs listed and traded on the stock exchanges of India as on 31.03.2019 compared to 52 as on 31.03.2018

3.5.1 Market Capitalization of Listed CPSEs

The total market capitalization (M-Cap) of 56 CPSEs based on stock prices on BSE as on 31.03.2019 stood at Rs. 13,71,116.34 crore decreased from Rs. 15,20,412.09 crore as on 31.03.2018 (decreased by 9.82%). During this period, the M-Cap of Bombay Stock Exchange has increased by 6.21% and BSE Sensex has increased by 17.30%. M-Cap of listed and traded CPSEs as a percentage of BSE M-Cap decreased from 10.69% as on 31.03.2018 to 9.08% as on 31.3.2019.(Box 3.3)

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

S I . No.	Company Name	31-03-2018 Close price (Rs.)	31-03-2018 Market Cap (Rs. In Crore)	31-03-2019 Close price (Rs.)	31-03-2019 Market Cap (Rs. In Crore)	% inc/dec in Market Capitalization
1	ANDREW YULE & COMPANY LTD.	28.55	1,395.96	19.10	933.90	(33.10)
2	BALMER LAWRIE & CO.LTD.	217.20	2,476.14	185.65	2,116.46	(14.53)
3	BALMER LAWRIE INVESTMENTS LTD.	397.65	882.67	389.30	864.14	(2.10)
4	BEML LTD.	1,044.15	4,348.31	1,013.35	4,220.05	(2.95)
5	BHARAT DYNAMICS LTD.	393.35	7,209.37	283.65	5,198.77	(27.89)
6	BHARAT ELECTRONICS LTD.	142.05	34,901.55	93.30	22,733.41	(34.86)
7	BHARAT HEAVY ELECTRICALS LTD.	81.40	29,885.20	74.90	26,080.65	(12.73)
8	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD	19.70	85.06	7.69	33.21	(60.96)
9	BHARAT PETROLEUM CORPN. LTD.	427.95	92,833.17	396.35	85,978.33	(7.38)
10	CHENNAI PETROLEUM CORPORATION LTD.	328.50	4,891.74	272.75	4,061.56	(16.97)
11	COAL INDIA LTD.	283.50	1,75,980.05	236.80	1,46,991.45	(16.47)
12	COCHIN SHIPYARD LTD.	503.35	6,842.34	393.95	5,182.03	(24.27)
13	CONTAINER CORPORATION OF INDIA LTD.	1,243.80	30,313.61	524.65	31,966.63	5.45
14	ENGINEERS INDIA LTD.	158.10	9,990.52	117.00	7,393.36	(26.00)
15	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	51.05	1,770.27	36.55	2,365.05	33.60
16	GAIL (INDIA) LTD.	328.60	74,101.63	347.30	78,318.61	5.69
17	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.			97.45	1,116.31	
18	HINDUSTAN COPPER LTD.	62.95	5,824.25	48.95	4,528.94	(22.24)
19	HINDUSTAN PETROLEUM CORPN. LTD.	344.15	52,442.36	283.50	43,200.37	(17.62)
20	HINDUSTAN AERONAUTICS LTD.	1,128.35	37,730.61	709.80	23,734.82	(37.09)

21	HINDUSTAN FLUOROCARBONS LIMITED	10.62	20.81	15.35	30.08	44.57
22	HINDUSTAN ORGANIC CHEMICALS LTD.	23.15	155.51	23.00	154.50	(0.65)
23	HMT LTD.	28.55	2,163.66	18.70	2,251.65	4.07
24	HOUSING & URBAN DEV. CORPN. LTD.	66.35	13,282.61	44.95	8,998.54	(32.25)
25	INDIA TOURISM DEV. CORPN LTD.	453.30	3,887.93	280.05	2,401.97	(38.22)
26	INDIAN OIL CORPORATION LTD.	176.30	1,71,219.21	162.70	1,53,168.37	(10.54)
27	IRCON INTERNATIONAL LTD.			401.45	3,775.70	
28	ITI LTD.	113.10	6,333.60	95.70	8,584.29	35.54
29	KIOCL LTD.	219.15	13,905.37	141.65	8,809.58	(36.65)
30	M M T C LTD.	55.65	5,565.00	28.00	4,200.00	(24.53)
31	M S T C LTD.			114.20	803.97	
32	MADRAS FERTILIZERS LTD.	32.10	517.14	20.45	329.45	(36.29)
33	MAHANAGAR TELEPHONE NIGAM LTD.	18.85	1,187.55	11.96	753.48	(36.55)
34	MANGALORE REFINERY & PETROCHEMICALS LTD.	109.50	19,190.96	74.50	13,056.86	(31.96)
35	MISHRA DHATU NIGAM LTD.			141.05	2,642.43	
36	MOIL LTD.	195.75	5,214.30	159.00	4,095.98	(21.45)
37	NATIONAL ALUMINIUM COMPANY LTD.	66.75	12,902.30	55.40	10,335.52	(19.89)
38	NATIONAL FERTILIZERS LTD.	53.95	2,646.67	35.35	1,734.19	(34.48)
39	NBCC (INDIA)LTD.	190.35	17,131.50	66.30	11,934.00	(30.34)
40	NHPC LTD.	27.65	28,367.02	24.75	24,861.46	(12.36)
41	NLC INDIA LTD.	83.85	12,817.05	69.55	9,644.06	(24.76)
42	NMDC LTD.	118.65	37,539.56	104.15	32,951.92	(12.22)
43	NTPC LTD.	169.70	1,39,925.53	135.35	1,33,922.83	(4.29)
44	OIL & NATURAL GAS CORPORATION LTD.	177.80	2,28,174.92	159.55	2,04,754.27	(10.26)
45	OIL INDIA LTD.	215.30	24,422.27	185.35	20,099.45	(17.70)
46	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	1,563.00	937.80	876.55	525.93	(43.92)
47	POWER FINANCE CORPORATION LTD.	85.90	22,678.30	123.00	32,473.01	43.19
48	POWER GRID CORPORATION OF INDIA LTD.	193.85	1,01,414.37	198.10	1,03,637.79	2.19
49	RASHTRIYA CHEMICALS & FERTILIZERS LTD.	73.20	4,038.36	58.50	3,227.38	(20.08)
50	RITEES LTD.			259.05	5,181.00	
51	RURAL ELECTRIFICATION CORPN. LTD.	125.05	24,696.35	152.85	30,186.62	22.23
52	SCOOTERS INDIA LTD.	60.45	259.89	33.10	288.87	11.15
53	SHIPPING CORPORATION OF INDIA LTD.	64.35	2,997.42	37.95	1,767.71	(41.03)
54	SJVN LTD.	33.35	13,105.87	24.20	9,510.10	(27.44)
55	STATE TRADING CORPN. OF INDIA LTD.	135.85	815.10	137.40	824.40	1.14
56	STEEL AUTHORITY OF INDIA LTD.	70.20	28,993.35	53.70	22,180.92	(23.50)

	Total Market Capitalization		15,20,412.09		13,71,116.34	-9.82%
	M-CAP of BSE		1,42,24,996.97		1,51,08,711.01	6.21%
	BSE Sensex		32,968.68		38,672.91	17.30%
	% of CPSEs M-CAP to BSE M-CAP		10.69%		9.08%	

Source: BSE.

Note:

(i) Hindustan Photo Films Manufacturing Co. Limited is listed in BSE but suspended as on 31.03.2019

3.5.2 Financial information of listed CPSEs

There were 56 CPSEs listed on the Stock Exchanges of India as on 31.3.2019. The performance of these CPSEs on operational parameters for the year 2018-19 is given below in Box 3.4

Box 3.4: Performance of Listed CPSEs

Sl. No.	Company Name	Gross Revenue from Operations(Rs in Lakhs)	Profit After Tax(Rs In lakhs)	Operating Margin (%)	Return on Assets(%)	Debt/Equity Ratio	Return on Net Worth (%)
1	ANDREW YULE & COMPANY LTD.	31116	870	5.35	2.08	0.00	4.63
2	BALMER LAWRIE & CO. LTD.	177520	18850	16.09	10.01	0.01	14.50
3	BALMER LAWRIE INVESTMENTS LTD.	0	7590	0.00	44.25	0.00	45.12
4	BEML LTD.	348106	6349	5.47	1.27	0.14	2.90
5	BHARAT DYNAMICS LTD.	306935	42259	22.01	7.73	0.00	18.63
6	BHARAT ELECTRONICS LTD.	1208460	192729	22.47	9.42	0.00	21.37
7	BHARAT HEAVY ELECTRICALS LTD.	3034895	121539	7.73	1.89	0.00	3.87
8	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	8365	-579	-6.42	-4.63	0.00	-18.87
9	BHARAT PETROLEUM CORPN. LTD.	33762253	713202	3.96	6.17	0.64	19.42
10	CHENNAI PETROLEUM CORPORATION LTD.	5220122	-21336	0.29	-1.40	0.44	-6.45
11	COAL INDIA LTD.	93430	1046967	1132.45	54.99	0.00	74.80
12	COCHIN SHIPYARD LTD.	296216	48118	25.85	9.18	0.04	14.44
13	CONTAINER CORPORATION OF INDIA LTD.	688191	121541	24.55	9.64	0.00	11.72
14	ENGINEERS INDIA LTD.	244434	37007	23.27	7.90	0.00	16.10
15	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	195498	16314	22.69	7.01	#	#
16	GAIL (INDIA) LTD.	7512676	602567	12.71	9.36	0.02	13.67
17	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	138642	10994	13.44	2.62	0.00	10.59
18	HINDUSTAN AERONAUTICS LTD.	1989412	228244	19.09	4.53	0.01	20.54
19	HINDUSTAN COPPER LTD.	181626	14551	15.74	4.40	0.35	8.92
20	HINDUSTAN FLUOROCARBONS LIMITED	4585	170	12.45	2.63	0.00	#
21	HINDUSTAN ORGANIC CHEMICALS LTD.	47199	5011	28.93	3.30	#	#
22	HINDUSTAN PETROLEUM CORPN. LTD.	29692906	602866	3.66	5.81	0.40	21.35
23	HMT LTD.	1960	1724	87.91	1.63	1.73	13.24

24	HOUSING & URBAN DEV. CORPN. LTD.	554764	118015	33.59	1.62	5.25	10.77
25	I T I LTD.	166837	9254	11.93	1.33	#	#
26	INDIA TOURISM DEV. CORPN. LTD.	34995	4216	11.63	6.28	0.00	11.86
27	INDIAN OIL CORPORATION LTD.	60592377	1689415	5.58	5.35	0.37	18.24
28	IRCON INTERNATIONAL LTD.	441510	44468	14.29	3.43	0.65	11.26
29	KIOCL LTD.	188771	11186	9.80	4.82	0.00	5.65
30	M M T C LTD.	2897944	8143	0.67	1.83	0.00	5.46
31	M S T C LTD.	292700	-32446	-7.25	-13.11	0.00	-155.93
32	MADRAS FERTILIZERS LTD.	159300	-8085	1.20	-5.16	#	#
33	MAHANAGAR TELEPHONE NIGAM LTD.	198780	-339020	-84.87	-23.10	#	#
34	MANGALORE REFINERY & PETROCHEMICALS LTD.	7231511	33196	1.72	1.22	0.30	3.10
35	MISHRA DHATU NIGAM LTD.	71085	13056	27.77	7.16	0.19	15.69
36	MOIL LTD.	144067	47389	49.96	13.13	0.00	15.37
37	NATIONAL ALUMINIUM COMPANY LTD.	1149932	173240	23.85	11.44	0.00	16.52
38	NATIONAL FERTILIZERS LTD.	1224524	29845	6.37	2.15	0.13	13.45
39	NBCC (INDIA) LTD.	724475	38411	7.72	4.63	0.00	24.18
40	NHPC LTD.	816118	263055	56.85	4.41	0.58	9.00
41	NLC INDIA LTD.	714592	126697	35.84	3.65	0.66	10.13
42	NMDC Ltd.	1215267	464211	59.57	15.59	0.00	17.89
43	NTPC LTD.	9030743	1174989	15.00	4.04	1.11	10.94
44	OIL & NATURAL GAS CORPORATION LTD.	10965455	2671579	38.71	8.84	0.00	14.60
45	OIL INDIA LTD.	1373496	259014	39.48	5.46	0.32	11.28
46	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	-45163	0.00	-65.78	0.00	-333.68
47	POWER FINANCE CORPORATION LTD.	2884200	695292	34.03	2.02	5.08	15.94
48	POWER GRID CORPORATION OF INDIA LTD.	3411912	993855	61.06	4.03	2.22	16.86
49	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	888547	13917	4.14	1.56	0.14	4.66
50	REC LTD.	2530972	576372	93.81	1.94	6.83	16.87
51	rites LTD.	196897	44465	34.52	8.46	0.00	18.65
52	SCOOTERS INDIA LTD.	6385	-463	-7.25	-4.32	0.18	-7.01
53	SHIPPING CORPORATION OF INDIA LTD.	392586	-12199	4.36	-0.86	0.36	-1.75
54	SJVN LTD.	265577	136429	78.51	9.14	0.17	12.14
55	STATE TRADING CORPN. OF INDIA LTD.	890344	-88108	-0.30	-31.43	0.00	#
56	STEEL AUTHORITY OF INDIA LTD.	6696731	217882	10.28	1.87	0.81	5.72

Ratios are not calculated as the net worth is negative as on 31.03.2019.

3.5.3 Share Holding pattern of listed CPSEs

The shareholding of Central Government in these listed CPSEs varies from 99.05% to 0% (subsidiary

CPSEs). A statement showing shareholding of Central Government together with State Government, Holding Company, Foreign Parties, Financial Institutions/Banks, Employees and Others (Indian) in these listed CPSEs as on 31.3.2019 is given here under (Box 3.5):-

Box 3.5: Share Holding pattern of listed and traded CPSEs

Sl. No.	Company Name	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Other (Indian)	Total
1	ANDREW YULE & COMPANY LTD.	89.25	0.00	0.00	0.00	0.00	0.00	10.75	100.00
2	BALMER LAWRIE & CO. LTD.	0.00	0.03	61.80	3.36	7.75	0.00	27.07	100.00
3	BALMER LAWRIE INVESTMENTS LTD.	59.68	0.00	0.00	1.40	6.04	0.00	32.88	100.00
4	BEML LTD.	53.87	0.00	0.00	3.69	4.96	0.00	37.49	100.00
5	BHARAT DYNAMICS LTD.	87.75	0.00	0.00	0.89	4.01	0.02	7.32	100.00
6	BHARAT ELECTRONICS LTD.	58.82	0.00	0.00	8.07	18.76	0.00	14.35	100.00
7	BHARAT HEAVY ELECTRICALS LTD.	63.17	0.00	0.00	11.93	7.58	0.03	17.28	100.00
8	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	59.26	0.00	0.00	0.00	0.00	0.00	40.74	100.00
9	BHARAT PETROLEUM CORPN. LTD.	58.78	0.00	0.00	0.00	0.00	0.00	41.22	100.00
10	CHENNAI PETROLEUM CORPORATION LTD.	0.00	0.00	51.88	24.91	13.56	0.00	9.64	100.00
11	COAL INDIA LTD.	70.96	0.00	0.00	7.10	6.61	0.00	15.33	100.00
12	COCHIN SHIPYARD LTD.	75.21	0.00	0.00	0.00	12.73	0.03	12.03	100.00
13	CONTAINER CORPORATION OF INDIA LTD.	54.80	0.00	0.00	28.75	5.91	0.00	10.55	100.00
14	ENGINEERS INDIA LTD.	52.00	0.00	0.00	0.60	32.11	0.00	15.29	100.00
15	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	90.00	0.40	0.00	0.00	0.00	0.00	9.60	100.00
16	GAIL (INDIA) LTD.	52.19	0.00	0.00	0.00	35.16	0.00	12.65	100.00
17	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	74.50	0.00	0.00	0.00	25.45	0.05	0.00	100.00
18	HINDUSTAN AERONAUTICS LTD.	89.97	0.00	0.00	0.00	0.00	0.00	10.03	100.00
19	HINDUSTAN COPPER LTD.	76.05	0.00	0.00	0.14	1.49	0.00	22.32	100.00
20	HINDUSTAN FLUOROCARBONS LIMITED	0.00	4.44	56.40	1.63	0.00	0.31	37.23	100.00
21	HINDUSTAN ORGANIC CHEMICALS LTD.	58.69	0.00	0.00	0.00	0.00	0.00	41.31	100.00
22	HINDUSTAN PETROLEUM CORPN. LTD.	0.00	0.00	51.10	18.59	17.09	0.05	13.18	100.00
23	HMT LTD.	78.62	0.00	0.00	0.01	0.01	0.00	21.36	100.00
24	HOUSING & URBAN DEV. CORPN. LTD.	89.81	0.00	0.00	0.07	1.17	0.06	8.90	100.00
25	I T I LTD.	96.75	0.03	0.00	0.00	0.00	0.00	3.21	100.00
26	INDIA TOURISM DEV. CORPN. LTD.	87.02	0.00	0.00	0.00	0.00	0.00	12.98	100.00
27	INDIAN OIL CORPORATION LTD.	53.50	0.12	0.00	7.30	6.66	0.00	32.41	100.00
28	IRCON INTERNATIONAL LTD.	89.19	0.00	0.00	0.29	4.94	0.00	5.58	100.00
29	KIOCL LTD.	99.05	0.00	0.00	0.00	0.51	0.00	0.44	100.00
30	M M T C LTD.	89.93	0.00	0.00	0.00	4.20	0.00	5.87	100.00
31	M S T C LTD.	64.74	0.00	0.00	0.00	9.99	0.00	25.27	100.00
32	MADRAS FERTILIZERS LTD.	59.12	0.00	0.00	25.61	0.00	0.10	15.18	100.00
33	MAHANAGAR TELEPHONE NIGAM LTD.	56.25	0.00	0.00	1.72	19.57	0.00	22.46	100.00
34	MANGALORE REFINERY & PETROCHEMICALS LTD.	0.00	0.00	71.63	1.95	3.30	0.00	23.12	100.00
35	MISHRA DHATU NIGAM LTD.	74.00	0.00	0.00	0.15	11.24	0.09	14.52	100.00
36	MOIL LTD.	56.01	9.69	0.00	4.74	13.23	0.03	16.31	100.00

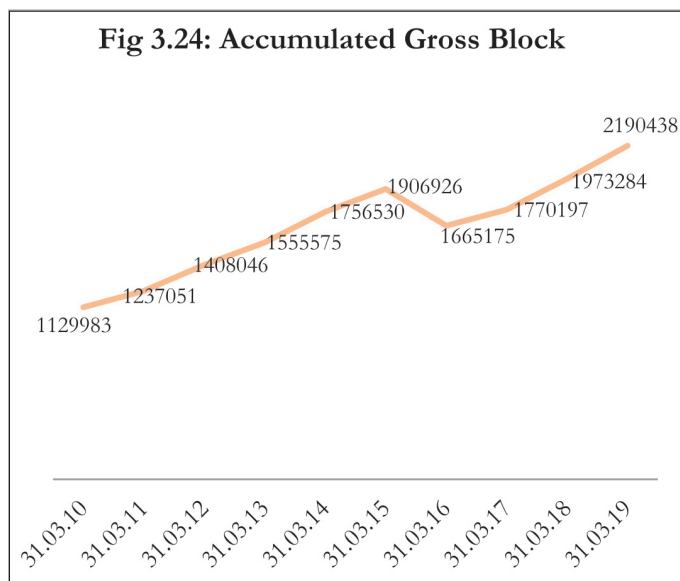
37	NATIONAL ALUMINIUM COMPANY LTD.	52.00	0.00	0.00	12.31	7.60	0.00	28.10	100.00
38	NATIONAL FERTILIZERS LTD.	74.71	0.00	0.00	0.00	16.71	0.00	8.58	100.00
39	NBCC (INDIA) LTD.	68.18	0.00	0.00	0.00	0.00	0.00	31.82	100.00
40	NHPC LTD.	73.33	0.00	0.00	5.02	3.85	0.02	17.78	100.00
41	NLC INDIA LTD.	81.91	4.31	0.00	0.54	10.22	0.06	2.96	100.00
42	NMDC Ltd.	72.28	0.00	0.00	0.00	18.76	0.00	8.96	100.00
43	NTPC LTD.	56.41	0.00	0.00	0.00	39.53	0.09	3.98	100.00
44	OIL & NATURAL GAS CORPORATION LTD.	64.26	0.00	0.00	6.50	15.70	0.04	13.50	100.00
45	OIL INDIA LTD.	61.61	0.00	0.00	4.95	17.40	0.00	16.03	100.00
46	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0.00	0.00	50.00	0.00	0.00	0.00	50.00	100.00
47	POWER FINANCE CORPORATION LTD.	59.05	0.00	0.00	16.78	18.70	0.04	5.43	100.00
48	POWER GRID CORPORATION OF INDIA LTD.	55.37	0.00	0.00	25.57	14.59	0.05	4.42	100.00
49	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	75.00	0.00	0.00	1.93	2.41	0.00	20.66	100.00
50	REC LTD.	0.00	0.00	52.64	25.34	10.88	0.04	11.10	100.00
51	rites LTD.	87.40	0.00	0.00	0.00	0.00	0.00	12.60	100.00
52	SCOOTERS INDIA LTD.	93.87	0.00	0.00	0.00	0.02	0.00	6.11	100.00
53	SHIPPING CORPORATION OF INDIA LTD.	63.75	0.00	0.00	2.43	16.37	0.00	17.45	100.00
54	SJVN LTD.	61.93	26.85	0.00	0.00	0.00	0.00	11.22	100.00
55	STATE TRADING CORPN. OF INDIA LTD.	90.00	0.00	0.00	0.00	0.00	0.00	10.00	100.00
56	STEEL AUTHORITY OF INDIA LTD.	75.00	0.00	0.00	4.10	14.90	0.00	6.00	100.00

3.6 Performance in Real Investment/ Gross Block

The aggregate Real Investment in Central Public Sector Enterprises (CPSEs) measured in terms of 'Gross Block' increased from Rs.19,73,284 crore in 2017-18 to Rs.21,90,438 crore in 2018-19, showing an increase of Rs.2,17,154 crore and a growth of 11.00 % over the previous year (Box 3.6 and Fig 3.24).

Box 3.6: 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 %)
31.03.10	11,29,983	1,51,816	15.52
31.03.11	12,37,051	1,07,068	9.48
31.03.12	14,08,046	1,70,995	13.82
31.03.13	15,55,575	1,47,529	10.48
31.03.14	17,56,530	2,00,956	12.92
31.03.15	19,06,926	1,50,395	8.56
31.03.16	16,65,175	(2,41,751)	(12.68)
31.03.17	17,70,197	1,05,022	6.31
31.03.18	19,73,284	2,03,087	11.47
31.03.19	21,90,438	2,17,154	11.00

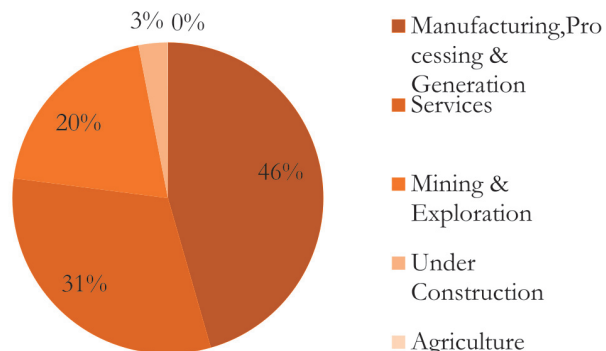
Fig 3.24: Accumulated Gross Block

Accumulated Gross Block of all CPSEs has shown broadly increasing trend over the years except in FY 2015-16 when 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 CPSEs.

3.6.1 Sector-wise distribution of Gross Block as on 31.03.2019:

As seen in Fig 3.25 Manufacturing, Processing & Generation Sector has major share of Gross block

with 46%, followed by Services (31%), Mining & Exploration (20%) and Under Construction (3%). Agriculture has negligible share (0.04%).

Fig 3.25: Sector wise share of total Gross Block as on 31.03.2019

3.6.2 Top 10 CPSEs in terms of Gross Block

Gross block in top 10 CPSEs amounted to Rs.15,45,792 crore as on 31.3.2019. This was equal to 70.57 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 2018-19 (Table 3.3). The share of these 3 CPSEs alone was 33.38% of the total gross block of all the CPSEs as on 31.3.2019.

Table 3.3: Gross Block in top 10 Enterprises as on 31.3.2019

S No.	CPSE Name	Investment in terms of Gross Block (Rs in crore)	Share in Total Gross Block (%)
1	Bharat Sanchar Nigam Ltd.	2,55,274.32	11.65
2	Ntpc Ltd.	2,44,605.89	11.17
3	Power Grid Corporation Of India Ltd.	2,31,370.77	10.56
4	Oil & Natural Gas Corporation Ltd.	2,16,547.25	9.89
5	Indian Oil Corporation Ltd.	1,67,477.80	7.65
6	Steel Authority Of India Ltd.	1,17,468.19	5.36
7	ONGC Videsh Ltd.	1,15,266.56	5.26
8	Nuclear Power Corpn. Of India Ltd.	73,838.71	3.37
9	Bharat Petroleum Corpn. Ltd.	62,857.77	2.87
10	Hindustan Petroleum Corpn. Ltd.	61,084.91	2.79
	Total :	15,45,792	70.57
	Other CPSEs	6,44,646	29.43
	GRAND TOTAL :	21,90,438	100.00

3.6.3 State-wise distribution of Gross Block

As on 31.3.2019, CPSEs have invested Rs. 21,90,438 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 3.4 below.

Table 3.4 State-Wise Distribution of Gross Block as on 31.3.2019

S. No.	State / Union Territory	Gross Block (Rs.in crore)			% share in Total Gross Block		
		2018-19	2017-18	2016-17	2018-19	2017-18	2016-17
1	ANDAMAN & NICOBAR ISLANDS	868	698	626	0.04	0.04	0.04
2	ANDHRA PRADESH	102374	102139	98595	4.67	5.18	5.57
3	ARUNACHAL PRADESH	19764	18460	16746	0.9	0.94	0.95
4	ASSAM	82191	75345	67079	3.75	3.82	3.79
5	BIHAR	90510	68669	62765	4.13	3.48	3.55
6	CHANDIGARH	435	249	454	0.02	0.01	0.03
7	CHHATTISGARH	112229	100976	89465	5.12	5.12	5.05
8	DADRA NAGARHAVLI	495	589	355	0.02	0.03	0.02
9	DAMAN AND DIU	340	273	248	0.02	0.01	0.01
10	DELHI	66151	69647	72410	3.02	3.53	4.09
11	GOA	3242	2969	2534	0.15	0.15	0.14
12	GUJRAT	91504	81377	70057	4.18	4.12	3.96
13	HARYANA	51488	46530	40824	2.35	2.36	2.31
14	HIMACHAL PRADESH	36052	34475	33370	1.65	1.75	1.89
15	JAMMU & KASHMIR	21112	20398	19464	0.96	1.03	1.10
16	JHARKHAND	65423	58392	49734	2.99	2.96	2.81
17	KARNATAKA	98408	89836	77755	4.49	4.55	4.39
18	KERALA	56379	47242	44421	2.57	2.39	2.51
19	LAKSHADWEEP	171	40	35	0.01	0	0.00
20	MADHYA PRADESH	103581	91056	79773	4.73	4.61	4.51
21	MAHARASHTRA	184419	167893	159071	8.42	8.51	8.99
22	MANIPUR	1197	1092	1044	0.05	0.06	0.06
23	MEGHALAYA	367	345	316	0.02	0.02	0.02
24	MIZORAM	2123	1706	4124	0.1	0.09	0.23
25	NAGALAND	1259	1185	1137	0.06	0.06	0.06
26	ORISSA	130967	121203	114160	5.98	6.14	6.45
27	OTHERS AND UNALLOCATED	307744	287587	256345	14.05	14.57	14.48
28	PONDICHERRY	503	1054	525	0.02	0.05	0.03
29	PUNJAB	22033	21161	18811	1.01	1.07	1.06
30	RAJASTHAN	63037	54761	43559	2.88	2.78	2.46
31	SIKKIM	3821	3665	3573	0.17	0.19	0.20
32	TAMILNADU	149326	131542	105822	6.82	6.67	5.98
33	TELANGANA	32806	15827	14175	1.5	0.8	0.80
34	TRIPURA	6301	5613	5627	0.29	0.28	0.32
35	UTTAR PRADESH	150624	128134	112406	6.88	6.49	6.35
36	UTTARANCHAL	30113	28575	25933	1.37	1.45	1.46
37	WEST BENGAL	101080	92583	76859	4.61	4.69	4.34
	TOTAL :	21,90,438	19,73,284	17,70,197	100	100	100

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.16,40,628 crore in 335 enterprises as on 31.03.2019 (Box 3.7). Total financial investment during 2018-19 increased by Rs.2,09,620 crore and displayed growth of 14.65% as compared to 2017-18.

Box 3.7: Growth in Financial Investment #

Particulars (as on)	Total investment (Rs.in crore)	Increase over previous year (%)	Enterprises (Nos.)
31.03.2012	7,29,298		260
31.03.2013	8,45,334	15.91	277
31.03.2014	9,92,095	17.36	290
31.03.2015	10,95,554	10.43	298
31.03.2016	11,61,018	5.98	320
31.03.2017	12,45,819	7.70	331
31.03.2018	14,31,008	14.53	339
31.03.2019	16,40,628	14.65	335

3.7.1 Sector-wise Distribution of Financial Investment:

As seen in Fig 3.27 Services has major share of Financial Investment with 63.80% share followed by Manufacturing, Processing & Generation Sector (26.40%), Mining & Exploration (5.85%) and Under Constructions (3.90%). Agriculture has negligible share (0.06%).

Fig 3.26: Financial investment (Rs. In Crore)

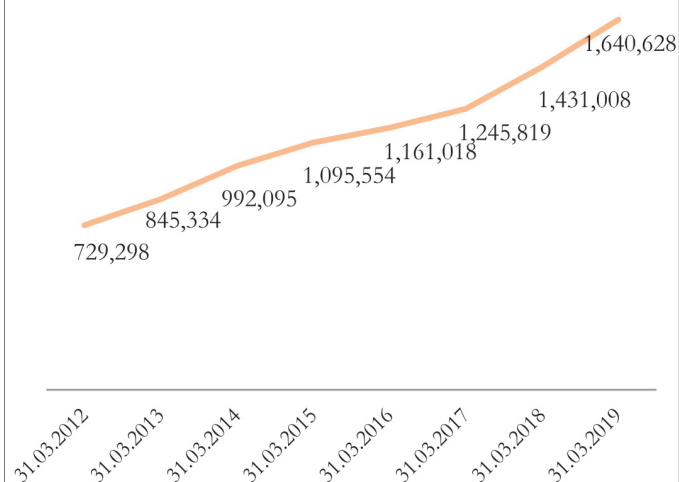
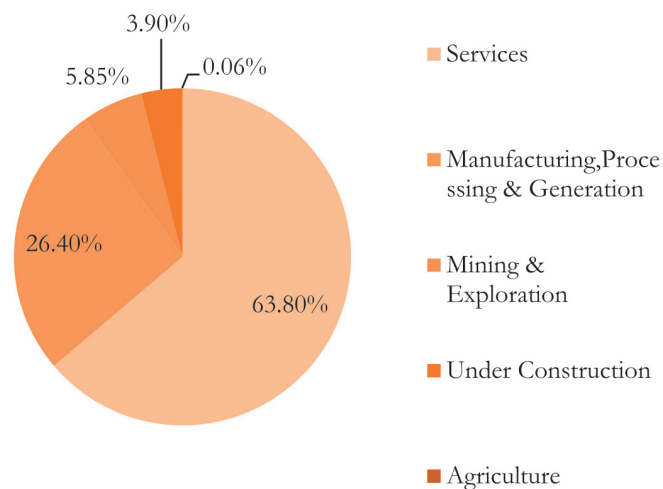


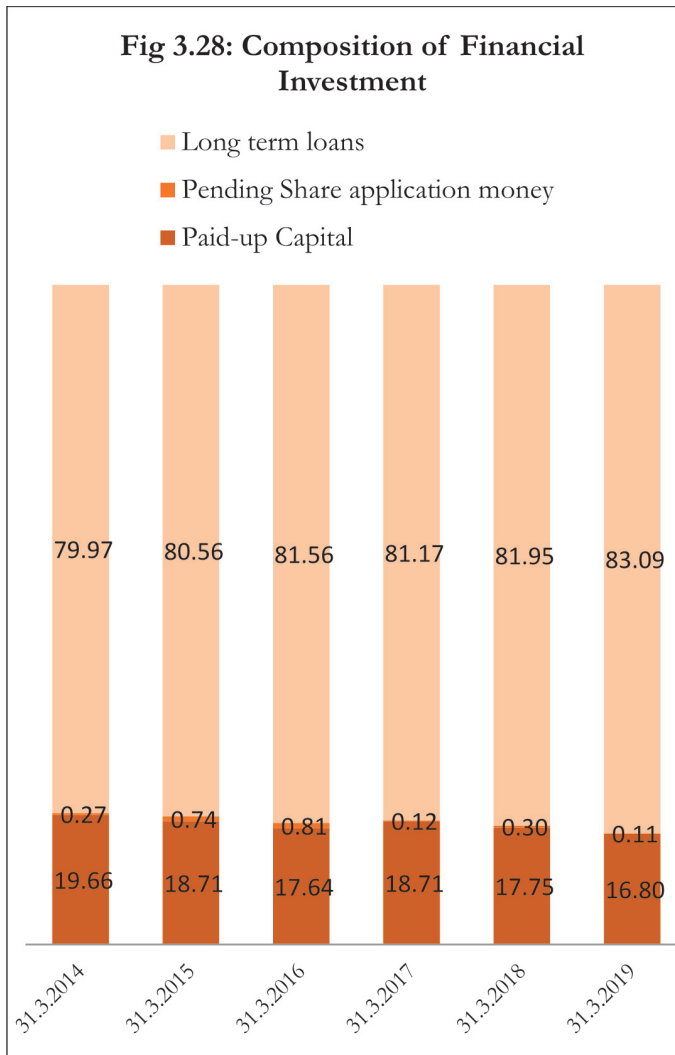
Fig 3.27: Sector wise distribution of Financial Investment



3.7.2 Composition of Financial Investment

**Box 3.8: 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	2,53,977	4,307	-	11,72,724	14,31,008
31.3.2019	2,75,697	1,769	-	13,63,162	16,40,628



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 3.8). While the share of ‘paid-up capital’ in total (financial) investment was 32.57 % during 2002-03, it declined to 16.80 % in 2018-19. The share of ‘long-term loans’, on the other hand, went up from 66.56% in 2002-03 to 83.09% in 2018-19 (Fig 3.28).

3.7.3 Sources of Financial Investment:

A perusal of ‘sources of investment’, which is given below (Box 3.9), shows a significant change in the investment pattern of CPSEs 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, which declined to 14.45% in 2018-19. On the other hand, the share of financial institutions/banks and others that was 48.31% in 2006- 07 has increased to 68.56% in 2018-19. 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 12.24% in 2018-19. The share of ‘State Governments’ in total financial investment has also shown a marginal decline from 0.84% in 2006-07 to 0.38% in 2018-19.

Box 3.9: 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)
<i>As on 31.3.2009</i>							
Equity (E)	117319	3441	11701	1332	4941		
Loan (L)	40563	92	20782	43710	266429		
(E+L)	157882	3533	32483	45042	271370	3222	513532
% of total (E+L)	30.74	0.69	6.33	8.77	52.84	0.63	100
<i>As on 31.3.2010</i>							
Equity (E)	122201	3657	13487	1416	7606	-	
Loan (L)	34803	92	21588	40515	333671	-	
(E+L)	157004	3749	35075	41931	341277	1748	580784
% of total (E+L)	27.03	0.65	6.04	7.22	58.76	0.3	100
<i>As on 31.3.2011</i>							
Equity (E)	126668	3822	14847	2152	8048	1901	
Loan (L)	34257	82	21268	60585	330345	-	
(E+L)	160925	3904	36115	62737	338393	1901	603975
% of total (E+L)	26.64	0.65	5.98	10.39	56.34	0.31	100
<i>As on 31.3.2012</i>							
Equity (E)	129235	3793	15402	2047	10875	2511	
Loan (L)	37420	78	23273	85906	418758	-	
(E+L)	166655	3871	38675	87953	429633	2511	729298
% of total (E+L)	22.85	0.53	5.31	12.06	58.91	0.34	100
<i>As on 31.3.2013</i>							
Equity (E)	136281	3866	24538	2580	12131	2493	
Loan (L)	31055	101	16889	109489	505911	-	
(E+L)	167336	3967	41427	112069	518042	2493	845334
% of total (E+L)	35.26	0.91	8.81	25.74	28.71	0.57	100
<i>As on 31.3.2014</i>							
Equity (E)	143933	3887	31082	3427	12668	3725	
Loan (L)	20508	255	10866	13689	748056	-	
(E+L)	164441	4142	41948	17116	760724	3725	992096
% of total (E+L)	16.57	0.42	4.23	1.73	76.67	0.38	100
<i>As on 31.3.2015</i>							
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
<i>As on 31.3.2016</i>							
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
<i>As on 31.3.2017</i>							
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

<i>As on 31.3.2018</i>							
Equity (E)	174304.23	4819.28	45803.75	6225.8	22823.92	4306.9	258283.88
Loan (L)	31095.76	821.34	12069.31	162507.59	966229.67	0	1172723.7
(E+L)	205399.99	5640.62	57873.06	168733.39	989053.59	4306.9	1431007.6
% of total (E+L)	14.34	0.39	4.07	11.83	69.07	0.3	100
<i>As on 31.3.2019</i>							
Equity (E)	183532.87	5330	55016.02	5300.02	26518.36	1768.75	2,77,466
Loan (L)	53469.67	960.6	14983.73	195487.15	1098260.75	-	1363162.00
(E+L)	237002.54	6290.6	69999.75	200788.26	1124778.02	1768.75	16,40,628
% of total (E+L)	14.45	0.38	4.27	12.24	68.56	0.11	100.00

3.8 Internal Resources of CPSEs:

Internal Resources of CPSEs comprise of Depreciation, Impairment/Generated IR, Deferred Tax and Retained

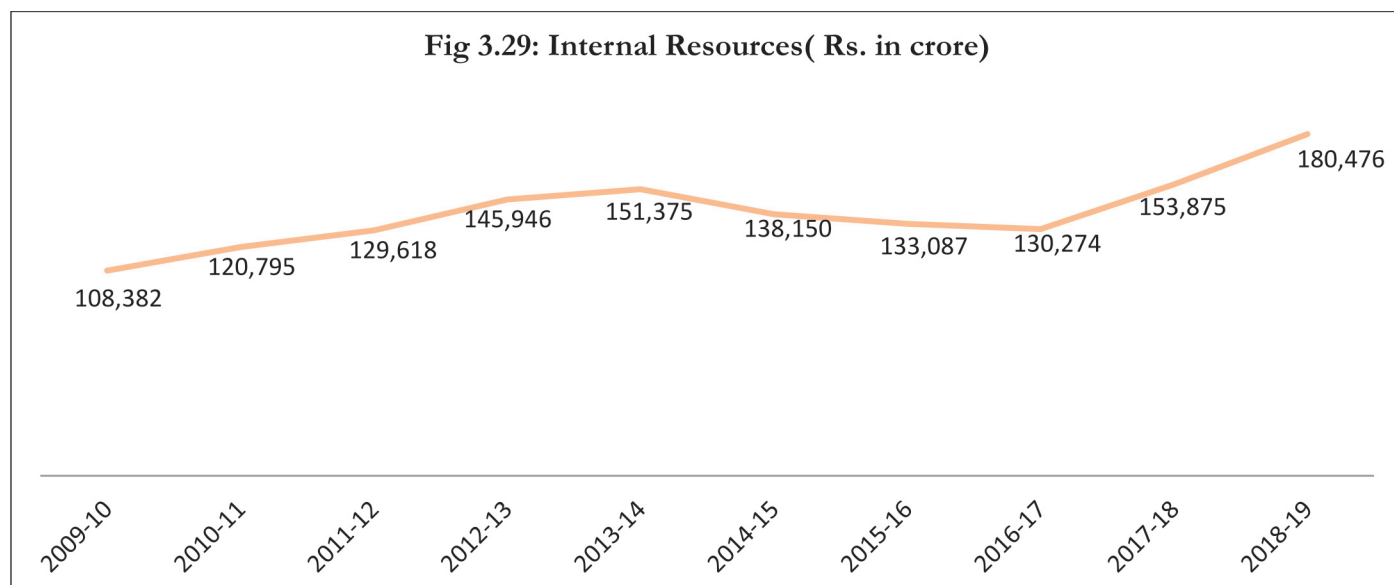
Profit. Year wise breakup of Internal Resources can be seen in Box 3.10.

Box 3.10 : Internal Resources of CPSEs (Rs. in crore)

Years	No. of CPSEs which generated IR	Depreciation	Impairment / Generated IR	Deferred Tax	Retained Profit	Total Internal Resources
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	14546.43
		(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
		(46.04)	(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	183	70301.68	6589.41	10209.16	66775.20	153875.45
		(45.69)	(4.28)	(6.63)	(43.40)	(100.00)
2018-19	179	75307.15	2818.94	12807.15	89542.68	180475.92
		(41.73)	(1.56)	(7.10)	(49.61)	(100.00)

(*Figure in bracket represent % Share of total resources)

Fig 3.29: Internal Resources(Rs. in crore)



As seen in Fig 3.29 above, the Internal Resources of CPSEs have increased till FY 2013-14, reaching highest of Rs.1,51,375 crore, thereafter started decreasing, before it again started increasing in 2017-18. The Internal Resources of CPSEs increased from Rs 1,53,875 crore in FY 2017-18, to Rs.1,80,476 crore in FY 2018-19.

3.9 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 2018-19, total foreign exchange earnings of CPSEs was Rs. 143376.96 crore as against Rs. 98714.18 crore in 2017-18, showing an increase of 45.24%. Similarly total foreign exchange expenditure of CPSEs was Rs. 664913.80 crore in 2018-19 as against Rs. 522256 crore in 2017-18, showing a increase of 27.32%.

During the year 2018-19, as many as 148 CPSEs out of the 262 operating CPSEs either had Foreign Exchange Earnings (FEE) or Foreign Exchange Expenditure (FEE) (Annex 3.1). As many as 32 CPSEs were net foreign exchange earners (Annex 3.1). Out of these 32 CPSEs, 4 CPSEs, namely, (1) ONGC Mangalore

Petrochemicals Ltd., (2) National Aluminium Company Ltd. , (3), ONGC Videsh Ltd. (4) NTPC Vidyut Vyapar Nigam Ltd have earned more than Rs.1000 crore net foreign exchange during 2018-19 as against previous year. The detail of foreign exchange earnings of CPSEs is given at Statement No.20 of this Volume.

3.9.1 Foreign Exchange Earnings

Table 3.5 below shows the (19) CPSEs that had gross foreign exchange earnings of more than Rs. 1000 crore, during 2018-19. Out of these 19 CPSEs, 15 CPSEs namely, (1) Mangalore Refinery & Petrochemicals Ltd., (2) GAIL (India) Ltd., (3) Air India Ltd., (4) Bharat Petroleum Corporation Ltd., (5) ONGC Videsh Ltd., (6) ONGC Mangalore Petrochemicals Ltd., (7) Hindustan Petroleum Corporation Ltd. (8) National Aluminium Company Ltd., (9) Shipping Corporation of India Ltd. (10) Bharat Heavy Electricals Ltd., (11) Steel Authority of India Ltd. (12) NTPC Vidyut Vyapar Nigam Ltd., (13) KIOCL Ltd. (14) Airports Authority of India and (15) Engineering Projects (India) Ltd. have shown increase in gross foreign exchange earnings in 2018-19 as against to previous year. Remaining 4 CPSEs namely, Indian Oil Corporation Ltd., Oil & Natural Gas Corporation Ltd., Rashtriya Ispat Nigam Limited and MMTC have shown reduction in their gross foreign exchange earnings during the same period.

Table 3.5: Gross Foreign Exchange Earnings of selected CPSEs (more than Rs.1000 crore)

		Gross Foreign Exchange Earnings			Change over the previous year(%)	
Sl. No.	CPSE	2018-19	2017-18	2016-17	2018-19	2017-18
1	Indian Oil Corporation Ltd.	22254.54	22445.20	14315.36	-0.85	56.79
2	Mangalore Refinery & Petrochemicals Ltd.	22170.66	12715.90	10030.76	74.35	26.77
3.	GAIL (India) Ltd.	14805.00	1747.08	785.07	747.41	122.54
4.	Air India Ltd.	14081.11	10541.20	16739.99	33.58	-37.03
5.	Bharat Petroleum Corporation Ltd.	13220.49	10370.80	9788.58	27.48	5.95
6.	ONGC Videsh Ltd.	12599.21	8383.56	7838.87	50.28	6.95
7.	ONGC Mangalore Petrochemicals Ltd.	7070.43	4631.52	3741.21	52.66	23.80
8.	Hindustan Petroleum Corpn. Ltd.	5287.95	2512.74	1209.42	110.45	107.76
9.	National Aluminium Company Ltd.	4647.38	3573.75	3277.32	30.04	9.04
10.	Shipping Corporation of India Ltd.	4035.27	3459.77	3555.76	16.63	-2.70
11.	Bharat Heavy Electricals Ltd.	3787.20	1308.80	2489.55	189.36	-47.43
12.	Oil & Natural Gas Corporation Ltd.	3422.42	3552.45	3072.87	-3.66	15.61
13.	Steel Authority of India Ltd.	2872.64	2243.70	1737.83	28.03	29.11
14.	NTPC Vidyut Vyapar Nigam Ltd.	1571.59	999.36	0.0	57.26	0.0
15.	KIOCL Ltd.	1246.98	959.59	0.76	29.95	126161.84
16.	Airports Authority of India	1137.60	1111.36	979.61	2.36	13.45
17.	Rashtriya Ispat Nigam Limited	1310	1742.32	1057	-24.81	64.79
18.	Engineering Projects (India) Ltd.	1117.60	796.99	552.54	40.23	44.24
19.	MMTC Ltd.	1103.92	1796.95	1547.43	-38.57	16.12
	Total	137742	94893	82720	45.16	14.72

3.9.2 Sources of Foreign Exchange Earnings

Exports of goods & merchandise, and other income are the major sources of foreign exchange earnings of CPSEs. The share of Export of Goods on FOB basis has gone down in 2018-19 at (75.67%) as against 2017-18 at (82.30%). The share of Royalty, know-how, Professional and Consultancy fee has also gone down in 2018-19 as against 2017-18. A comparison between the respective shares of these items during 2016-17 to 2018-19 shows that the share of export of

goods was highest 92.83% in 2016-17. The share of Royalty, know-how, Professional and Consultancy fee was highest (0.78%) in 2017-18. The share of Interest and dividend and other income both have increased during 2018-19 as against in 2017-18. The overall foreign exchange earning has increased by 45.25% during 2018-19 as against 2017-18. The achievement of Foreign Exchange earnings for the last three years is shown below Table: 3.6.

Table 3.6: Item-wise Foreign Exchange Earnings of select CPSEs (2018-19, 2017-18 and 2016-17)						
(Rs. in crore)						
		Foreign Exchange Earnings			Change over the previous year (%)	
SL. No.	Particulars	2018-19	2017-18	2016-17	2018-19	2017-18
(i)	Export of Goods on FOB basis	108492.66 (75.67)	81238.88 (82.30)	81470.80 (92.83)	33.55	-0.28
(ii)	Royalty, Know-how, Professional and Consultancy fee	576.73 (0.40)	773.42 (0.78)	582.67	-25.43	32.74
(iii)	Interest and Dividend	1138.54 (0.79)	591.26 (0.60)	300.27 (0.34)	92.56	96.91
(iv)	Other Income	33169.03 (23.14)	16110.62 (16.32)	5414.01 (6.17)	105.88	197.57
	Grand Total (i) to (iv)	143376.96 (100)	98714.18 (100)	87767.75 (100)	45.25	12.47

Note: Figures in brackets represents the % to total

3.9.3 Foreign Exchange Expenditure

Table 3.7 shows the (29) CPSEs that had gross foreign exchange expenditure of more than Rs. 1000 crore during 2018-19. In terms of growth/change in foreign exchange expenditure during 2018-19 over 2017-18,

there was a general increase in the foreign exchange expenditure (FEE) over last year (2017-18) by 27.79% given in Table below 3.7.

Table 3.7: Gross Foreign Exchange Expenditure of selected CPSEs (more than Rs. 1000 crore)						
(Rs. in crore)						
Sl. No.	Name of CPSEs	Gross Foreign Exchange Expenditure			Change over the previous year (%)	
		2018-19	2017-18	2016-17	2018-19	2017-18
1	Indian Oil Corporation Ltd.	234385.73	187986.82	157890.05	24.68	19.06
2	Bharat Petroleum Corpn. Ltd.	111486.10	77477.92	62084.77	43.89	24.79
3	Hindustan Petroleum Corpn. Ltd.	51984.26	38223.03	34733.92	36.00	10.05
4	Mangalore Refinery & Petrochemicals Ltd.	41446.90	47303.18	45121.68	-12.38	4.83
5	Chennai Petroleum Corporation Ltd.	30547.65	29448.72	19715.14	3.73	49.37
6	GAIL (India) Ltd.	29869.00	10785.46	8711.71	176.94	23.80
7	Steel Authority of India Ltd.	26116.74	20987.89	14912.06	24.44	40.74
8	Oil & Natural Gas Corporation Ltd.	21359.03	18869.94	20674.80	13.19	-8.73
9	MMTC Limited	19952	11049	10090	80.58	9.51
10	Air India Ltd.	14073.71	15314.86	0	-8.10	0.0
11	ONGC Videsh Ltd.	9955.49	5154.98	4148.27	93.12	24.27
12	Rashtriya Ispat Nigam Ltd.	8411.43	6183.84	4535.40	36.02	36.35
13	Hindustan Aeronautics Ltd.	7903.07	6530.14	6681.74	21.02	-2.27
14	State Trading Corporation	6348.35	9237.11	6042.56	-31.27	52.87

15	Power Grid Corporation Of India Ltd.	5836.37	3581.74	3951.56	62.95	-9.36
16	Bharat Heavy Electricals Ltd.	4963.59	2550.59	3349.77	94.61	-23.86
17	Shipping Corporation Of India Ltd.	4221.69	3767.52	3675.89	12.05	2.49
18	NTPC Ltd.	3575.02	3565.46	5376.90	0.27	-33.69
19	Bharat Electronics Ltd.	3425.18	3098.96	3170.52	10.53	-2.26
20	National Fertilizers Ltd.	2263.87	958.60	1022.48	136.16	-6.25
21	MSTC Ltd.	2180.17	2253.03	1922.51	-3.23	17.19
22	Nuclear Power Corpn. Of India Ltd.	2030.80	1204.35	1064.27	68.62	13.16
23	Rashtriya Chemicals and Fertilizers Ltd.	1587.06	1200.60	412.00	32.19	191.41
24	ONGC Mangalore Petrochemicals Ltd.	1561.58	450.24	129.17	246.83	248.56
25	REC Ltd.	1526.65	552.75	534.92	176.19	3.33
26	Dedicated Fright Corridor Corpn. Of India Ltd.	1308.10	517.24	1019.77	152.90	-49.28
27	Fertilizers & Chemicals (Travencore) Ltd.	1250.62	627.92	751.03	99.17	-1639
28	BEML	1098.73	396.11	638.65	177.38	-37.98
29	Engineering Projects (India) Ltd.	1075.39	746.45	530.78	44.07	40.63
	Total	651745	510025	422892	27.79	20.60

Out of the above 29 CPSEs, 25 CPSEs namely, (1) Indian Oil Corporation Ltd., (2) Bharat Petroleum Corpn. Ltd., (3) Hindustan Petroleum Corporation. Ltd., (4) Chennai Petroleum Corporation Ltd., (5) GAIL (India) Ltd., (6) Steel Authority of India Ltd., (7) Oil & Natural Gas Corporation Ltd., (8) ONGC Videsh Ltd., (9) Rashtriya Ispat Nigam Ltd., (10) Hindustan Aeronautics Ltd., (11) Power Grid Corporation of India Ltd., (12) Bharat Heavy Electricals Ltd., (13) Shipping Corporation of India Ltd., (14) NTPC Ltd., (15) Bharat Electronics Ltd., (16) National Fertilizers Ltd., (17) Nuclear Power Corpn. of India Ltd., (18) Rashtriya Chemicals & Fertilizers Ltd., (19) ONGC Mangalore Petrochemicals Ltd., (20) REC Ltd., (21)

Dedicated Fright Corridor Corporation of India Ltd., (22) Fertilizers & Chemicals (Travancore) Ltd., (23) BEML Ltd, (24) Engineering Projects (India) Ltd. And (25) MMTC Limited have shown an increase in foreign exchange expenditure during 2018-19 as compared to last year. Remaining 4 CPSEs namely, Mangalore Refinery & Petrochemicals Ltd., Air India Ltd., State Trading Corporation of India Ltd. and MSTC Ltd. have shown reduction in their gross foreign exchange expenditure during the same period. A statement showing expenditure of foreign exchange under different heads of import of goods (raw material/plants & machinery), consultancy fee and other payment has been given under Table 3.8 below:-

Table 3.8: Items of Foreign Exchange Expenditure of all CPSEs (2018-19, 2017-18 and 2016-17)

(Rs. in Crores)						
		Foreign Exchange Expenditure			Change over the previous year(%)	
S. No.	Particulars	2018-19	2017-18	2016-17	2018-19	2017-18
(a)	Imports (CIF Basis)					
(i)	Raw materials/Crude oil	517008.96 (95.03)	385212.06 (94.11)	335927.32 (93.77)	34.21	14.67
(ii)	Stores, Spares & Components	13964.34 (2.57)	10197.2 (2.49)	10139.98 (2.83)	36.94	0.56
(iii)	Capital Goods	13069.07 (2.4)	13918.31	12160 (3.39)	-6.1	14.46
	Sub Total (a)	544042.37 (81.82)	409327.57 (78.38)	358227.3 (81.64)	32.91	14.26
(b)	Expenditure on account of :					
(i)	Royalty and Consultancy fee	23403.52 (19.36)	21353.58 (1891)	22710.24 (28.18)	9.6	-5.97
(ii)	Intrest payment	11003.35 (9.1)	7818.67 (6.92)	6862.29 (8.52)	40.73	13.94
(iii)	Others	86338.25 (71.43)	83414.25 (73.86)	50989.22 (63.28)	3.51	63.59
(iv)	Dividend remitted in Foreign Currency	126.32 (0.1)	342.29	14.55 (0.02)	-63.1	2252.51
	Sub Total (b)	120871.44 (18.18)	112928.79 (21.62)	80576.3 (18.36)	7.05	40.15
	Grand Total (a + b)	664913.81 (100)	522256.36 (100)	438803.6 (100)	27.32	19.02

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 2016-17 to 2018-19. Its share slightly increased to 95.03% in 2018-19 from 94.11% in 2017-18.

3.10 International Finance & Investment

3.10.1 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 31.03.2018 and 31.03.2019, are shown at Annex -3.2.

Ten CPSEs namely, Indian Oil Corporation Ltd., Power Grid Corporation of India Ltd, NTPC Ltd., Power Finance Corporation Ltd., Bharat Petroleum Corporation Ltd., Hindustan Petroleum Corporation Ltd., Oil India Ltd. Mangalore Refinery & Petrochemicals Limited, SJVN Limited and Indian Renewable Energy Devt Agency Ltd were the major borrowers in overseas market.

3.10.2. 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.

3.10.3 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 Rs. 1000 crore) during 2018-19.

1. Indian Oil Corporation Ltd.

Indian Oil Corporation Ltd. had foreign exchange earnings of Rs. 22254.54 crore in 2018-19 as against Rs. 22445.20 crore in 2017-18, showing an decrease of -0.85 %. The foreign exchange expenditure, however, stood at Rs. 234385.73 crore in the financial year 2018-19. The net foreign exchange earning was Rs. -212131.19 crore during 2018-19.

2. Mangalore Refinery & Petrochemicals Ltd.

MRP Ltd. had foreign exchange earnings of Rs. 22170.66 crore in 2018-19 against Rs. 12715.90 crore in 2017-18, an increase of 74.35%. The foreign exchange expenditure, however, stood at Rs. 41446.90 crore in the financial year 2018-19. The net of foreign exchange earning was Rs. (-) 19276.24 crore during 2018-19.

3. GAIL (India) Ltd.

GAIL (India) Ltd.. had foreign exchange earnings of Rs. 14805.00 crore in 2018-19 against the foreign exchange earnings of Rs. 1747.08 crore in 2017-18, an increase of 747.41% . The foreign exchange expenditure, however, stood at Rs. 29869.00 crore in the financial year 2018-19. The net foreign exchange earning was Rs. (-) 15064.00 crore during 2018-19.

4. Air India Ltd.

Air India Ltd. had foreign exchange earnings of Rs.14081.11 crore in 2018-19 as against the foreign exchange earnings of Rs. 10541.20 crore in 2016-17, an increase of 33.58%. The foreign exchange expenditure, however, stood at Rs. 14073.71 crore in the financial year 2018-19. The net foreign exchange earning was Rs. 7.40 crore during 2018-19.

5. Bharat Petroleum Corporation Ltd.

Bharat Petroleum Corporation Ltd. had foreign exchange earnings of Rs. 13220.49 crore in 2018-19

against the foreign exchange earnings of Rs.10370.80 crore in 2017-18, an increase of 27.48% . The foreign exchange expenditure, however, stood at Rs. 111486 crore in the financial year 2018-19. The net foreign exchange earning was Rs. (-) 98265.61 crore during 2018-19.

6. ONGC Videsh Ltd.

ONGC Videsh Ltd. had foreign exchange earnings of Rs.12599.21 crore in 2018-19 against the foreign exchange earnings of Rs. 8383.56 crore in 2017-18, an increase of 50.28%. The foreign exchange expenditure, however, stood at Rs. 9955.49 crore in the financial year 2018-19. The net foreign exchange earning was Rs. 2643.72 crore during 2018-19.

7. ONGC Mangalore Petrochemicals Ltd.

ONGC Mangalore Petrochemicals Ltd. had foreign exchange earnings of Rs. 7070.43 crore in 2018-19 against the foreign exchange earnings of Rs. 4631.52 crore in 2017-18, an increase of 52.66%. The foreign exchange expenditure, however, stood at Rs. 1561.58 crore in the financial year 2018-19. The net foreign exchange earning was Rs. 5508.85 crore during 2018-19.

8. Hindustan Petroleum Corpn. Ltd.

Hindustan Petroleum Corpn. Ltd. had foreign exchange earnings of Rs. 5287.95 crore in 2018-19 against the foreign exchange earnings of Rs. 2512.74 crore in 2017-18, an increase of 110.45% . The foreign exchange expenditure, however, stood at Rs. 51984.26 crore in the financial year 2018-19. The net foreign exchange earning was Rs. (-) 46696.31 crore during 2018-19.

9. National Aluminium Company Ltd.

National Aluminium Company Ltd. had foreign exchange earnings of Rs. 4647.38 crore in 2018-19 against the foreign exchange earnings of Rs. 3573.75 crore in 2017-18, an increase of 30.04%. The foreign exchange expenditure, however, stood at Rs. 312.95 crore in the financial year 2018-19. The net foreign exchange earning was Rs. 4334.43 crore during 2018-19.

10. Shipping Corporation of India Ltd.

Shipping Corporation of India Ltd. had foreign exchange earnings of Rs. 4035.27 crore in 2018-19 against the foreign exchange earnings of Rs. 3459.77 crore in 2017-18, an increase of 16.63% . The foreign exchange expenditure, however, stood at Rs. 4221.69 crore in the financial year 2018-19. The net foreign exchange earning was Rs. (-) 186.42 crore during 2018-19.

11. Bharat Heavy Electricals Ltd.

Bharat Heavy Electricals Ltd. had foreign exchange earnings of Rs. 3787.20 crore in 2018-19 against the foreign exchange earnings of Rs. 1308.80 crore in 2017-18, an increase of 189.36%. The foreign exchange expenditure, however, stood at Rs. 4963.59 crore in the financial year 2018-19. The net foreign exchange earning was Rs. (-) 1176.39 crore during 2018-19.

12. Oil & Natural Gas Corporation Ltd.

Oil & Natural Gas Corporation Ltd. had foreign exchange earnings of Rs. 3422.42 crore in 2018-19 against the foreign exchange earnings of Rs. 3552.45 crore in 2017-18, an decrease of (-) 3.66%. The foreign exchange expenditure, however, stood at Rs. 21359.03 crore in the financial year 2018-19. The net foreign exchange earning was Rs. (-) 17936.61 crore during 2018-19.

13. Steel Authority of India Ltd.

Steel Authority of India Ltd. Ltd. had foreign exchange earnings of Rs. 2872.64 crore in 2018-19 against the foreign exchange earnings of Rs. 2243.70 crore in 2017-18, an increase of 28.03% . The foreign exchange expenditure, however, stood at Rs. 26116.74 crore in the financial year 2018-19. The net foreign exchange earning was Rs. (-) 23244.10 crore during 2018-19.

14. NTPC Vidyut Vyapar Nigam Ltd.

NTPC Vidyut Vyapar Nigam Ltd had foreign exchange earnings of Rs. 1571.59 crore in 2018-19 against the foreign exchange earnings of Rs. 999.36 crore in 2017-18, an increase of 57.26% . The company had NIL foreign exchange expenditure in the financial year 2018-19. The net foreign exchange earning was Rs. 1571.59 crore during 2018-19.

15. KIOCL Ltd.

KIOC Ltd had foreign exchange earnings of Rs. 1246.98 crore in 2018-19 against the foreign exchange earnings of Rs. 959.59 crore in 2017-18, an increase of 29.95%. The foreign exchange expenditure, however, stood at Rs. 348.29 crore in the financial year 2018-19. The net foreign exchange earning was Rs. 898.69 crore during 2018-19.

16. Airports Authority of India Ltd.

Airports Authority of India Ltd. had foreign earnings of Rs. 1137.60 crore in 2018-19 against the foreign exchange earnings of Rs. 1111.36 crore in 2017-18, an increase of 2.36%. The foreign exchange expenditure, however, stood at Rs. 928.01 crore in the financial year 2018-19. The net foreign exchange earning was Rs. 209.59 crore during 2018-19.

17. Engineering Projects (India) Ltd.

Engineering Projects (India) Ltd had foreign earnings of Rs. 1117.60 crore in 2018-19 against the foreign exchange earnings of Rs. 796.99 crore in 2017-18, an increase of 40.23%. The foreign exchange expenditure, however, stood at Rs. 1075.39 crore in the financial year 2018-19. The net foreign exchange earning was Rs. 42.21 crore during 2018-19.

18. M M T C Ltd.

M M T C LTD. had foreign earnings of Rs. 1103.92 crore in 2018-19 against the foreign exchange earnings of Rs. 1796.95 crore in 2017-18, an decrease of (-) 38.57%. The foreign exchange expenditure, however, stood at Rs. 19952.33 crore in the financial year 2018-19. The net foreign exchange earning was Rs. (-) 18848.41 crore during 2018-19.

19. Rashtriya Ispat Nigam Limited

Rashtriya Ispat Nigam Limited had foreign earnings of Rs. 1310 crore in 2018-19 against the foreign exchange earnings of Rs. 1742.32 crore in 2017-18 a decrease of (-) 24.81%. The foreign exchange expenditure, however, stood at Rs. 8411.43 crore in the financial year 2018-19. The Net foreign exchange earning was Rs. (-) 7101.43 crore during 2018-19.

3.11 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.

3.11.1 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.

3.11.2 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 whereas 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.

Foreign Exchange Earning (FEE) & Foreign Exchange Utilization(FEU) by CPSEs during 2018-19

(Rs in lakh)

Sl No.	Name of CPSEs	Foreign Exchange Earnings	Foreign Exchange Utilization	Net Foreign Exchange Earnings (+)/ Utilization (-)
1	ONGC Mangalore Petrochemicals Ltd.	707043	156158	550885
2	National Aluminium Company Ltd.	464738	31295	433443
3	ONGC Videsh Ltd.	1259921	995549	264372
4	NTPC Vidyut Vyapar Nigam Ltd.	157159	0	157159
5	KIOCL Ltd.	124698	34829	89869
6	Hindustan Copper Ltd.	84267	7271	76996
7	IREL (India) Ltd.	40164	0	40164
8	BITES Ltd.	27817	3402	24415
9	Airports Authority of India	113760	92801	20959
10	E. C. G. C. Ltd.	10728	230	10498
11	Engineers India Ltd.	17985	8000	9985
12	WAPCOS Ltd.	17135	7579	9556
13	Telecommunications Consultants (India) Ltd.	6150	500	5650
14	The Cotton Corpn. of India Ltd.	5444	63	5381
15	National Textile Corpn. Ltd.	4796	0	4796
16	Engineering Projects (India) Ltd.	111760	107539	4221
17	Edcil (India) Ltd.	4028	91	3937
18	Indian Railway Catering and Tourism Corpn. Ltd.	3354	67	3287
19	IRCON International Ltd.	63962	60701	3261
20	Biotechnology Industry Research Assistance Council	2795	190	2605
21	Bharat Petro Resources Ltd.	3540	982	2558
22	Karnataka Antibiotics & Pharmaceuticals Ltd.	2782	491	2291
23	Central Cottage Industries Corpn. of India Ltd.	2257	2	2255
24	NBCC (India) Ltd.	1367	24	1343
25	India Tourism Dev. Corpn. Ltd.	1865	870	995
26	Air India Ltd.	1408111	1407371	740
27	Mahanagar Telephone Nigam Ltd.	417	153	264
28	Andrew Yule & Company Ltd.	223	4	219
29	Projects & Development India Ltd.	226	66	160
30	HLL Infra Tech Services Ltd.	151	0	151
31	MECON Ltd.	462	359	103
32	National Film Dev. Corpn. Ltd.	67	11	56
33	National Scheduled Tribes Finance & Devp. Corpn.	0	1	-1

34	National Research Development Corpn.	0	2	-2
35	GAIL Gas Ltd.	0	3	-3
36	RaiTel Corporation India Ltd.	0	3	-3
37	Ferro Scrap Nigam Ltd.	0	4	-4
38	National Seeds Corpn. Ltd.	0	4	-4
39	Hindustan Prefab Ltd.	0	5	-5
40	Hindustan Fluorocarbons Limited	0	6	-6
41	Central Coalfields Ltd.	0	6	-6
42	Bharat Petro Resources JPDA	0	7	-7
43	Vignyan Industries Ltd.	0	10	-10
44	NHDC Ltd.	0	11	-11
45	Eastern Coalfields Ltd.	0	12	-12
46	HMT Ltd.	0	15	-15
47	Western Coalfields Ltd.	0	17	-17
48	Artificial Limbs Mfg. Corpn. Of India	0	20	-20
49	Mineral Exploration Corpn. Ltd.	0	29	-29
50	Solar Energy Corporation Of India	0	30	-30
51	Certification Engineers International Ltd.	31	62	-31
52	IRCON Infrastructure & Services Ltd.	76	107	-31
53	Handicrafts & Handloom Exports Corp. of India Ltd.	2013	2045	-32
54	Brahmaputra Valley Fertilizer Corpn. Ltd.	0	42	-42
55	Uranium Corporation of India Ltd.	0	48	-48
56	Broadcast Engg. Consultants India Ltd.	66	117	-51
57	Hindustan Newsprint Ltd.	0	57	-57
58	Power System Operation Corporation Ltd.	0	69	-69
59	Coal India Ltd.	0	96	-96
60	Bharat Pumps & Compressors Ltd.	0	219	-219
61	Power Grid Jabalpur Transmission Ltd.	0	231	-231
62	Instrumentation Ltd.	14	250	-236
63	AAI Cargo Logistics & Allied Services Company Ltd.	0	337	-337
64	Power Grid Parli Transmission Ltd.	0	342	-342
65	National Small Industries Corpn. Ltd.	0	393	-393
66	HMT (International) Ltd.	235	639	-404
67	Hindustan Antibiotics Ltd.	0	410	-410
68	Mahanadi Coalfields Ltd.	20	453	-433
69	Housing & Urban Dev. Corpn. Ltd.	299	793	-494
70	BEL-Thales Systems Ltd.	99	655	-556
71	North Eastern Electric Power Corporation Ltd.	0	557	-557
72	Bridge & Roof Co.(India) Ltd.	0	593	-593
73	Central Mine Planning & Design Institute Ltd.	0	602	-602
74	Central Electronics Ltd.	74	706	-632
75	Chandigarh International Airport Ltd.	0	733	-733
76	NEPA Ltd.	0	739	-739

77	HIL (India) Ltd.	1012	2358	-1346
78	India Trade Promotion Organisation	1060	2703	-1643
79	Tamil Nadu Trade Promotion Organisation	1060	2703	-1643
80	HMT Machine Tools Ltd.	238	2031	-1793
81	NLC India Ltd.	0	1842	-1842
82	Kamarajar Port Ltd.	0	2224	-2224
83	Rajasthan Electronics And Instruments Ltd.	4	2272	-2268
84	HLL Lifecare Ltd.	8024	11350	-3326
85	Garden Reach Shipbuilders & Engineers Ltd.	0	3442	-3442
86	Heavy Engineering Corpn. Ltd.	0	4823	-4823
87	Northern Coalfields Ltd.	0	4959	-4959
88	NMDC Ltd.	0	5786	-5786
89	Nabinagar Power Generating Company Ltd.	0	5936	-5936
90	SJVN Ltd.	0	6374	-6374
91	South Eastern Coalfields Ltd.	0	6695	-6695
92	Air India Express Ltd.	0	7002	-7002
93	Patratu Vidyut Utpadan Nigam Ltd.	0	7441	-7441
94	Goa Shipyard Ltd.	14228	22636	-8408
95	Bharat Immunologicals & Biologicals Corp. Ltd.	0	8803	-8803
96	Bharat Sanchar Nigam Ltd.	7492	16575	-9083
97	Balmer Lawrie & Co. Ltd.	7513	17070	-9557
98	HPCL Rajasthan Refinery Ltd.	0	9880	-9880
99	NHPC Ltd.	0	10486	-10486
100	SAIL Refractory Company Ltd.	0	10486	-10486
101	I T I Ltd.	0	11059	-11059
102	THDC India Ltd.	0	11939	-11939
103	Madras Fertilizers Ltd.	0	12038	-12038
104	Mazagon Dock Shipbuilders Ltd.	0	14146	-14146
105	Hindustan Shipyard Ltd.	0	14611	-14611
106	Brahmaputra Crackers & Polymer Ltd.	563	15281	-14718
107	NLC Tamil Nadu Power Ltd.	0	14959	-14959
108	Indian Renewable Energy Devt. Agency Ltd.	228	15537	-15309
109	Neyveli Uttar Pradesh Power Ltd	0	16766	-16766
110	Shipping Corporation of India Ltd.	403527	422169	-18642
111	Mishra Dhatu Nigam Ltd.	805	21276	-20471
112	India Infrastructure Finance Co. Ltd.	37958	59341	-21383
113	Container Corporation Of India Ltd.	0	23631	-23631
114	Bharat Dynamics Ltd.	7660	31979	-24319
115	Antrix Corporation Ltd.	32376	57579	-25203
116	P E C Ltd.	5187	32675	-27488
117	Numaligarh Refinery Ltd.	34752	69436	-34684
118	Security Printing & Minting Corpn. of India Ltd.	0	35958	-35958
119	Airline Allied Services Ltd.	0	39593	-39593
120	Indian Railway Finance Corporation Ltd.	0	46656	-46656

121	Power Finance Corporation Ltd.	0	63372	-63372
122	BEML Ltd.	37092	109873	-72781
123	Electronics Corpn. of India Ltd.	0	77805	-77805
124	Oil India Ltd.	5981	98879	-92898
125	Cochin Shipyard Ltd.	0	95066	-95066
126	Bharat Heavy Electricals Ltd.	378720	496359	-117639
127	Fertilizers & Chemicals (Travancore) Ltd.	0	125062	-125062
128	Dedicated Fright Corridor Corp. of India Ltd.	0	130810	-130810
129	REC Ltd.	0	152665	-152665
130	Rashtriya Chemicals and Fertilizers Ltd.	0	158706	-158706
131	Nuclear Power Corpn. of India Ltd.	0	203080	-203080
132	M S T C Ltd.	4	218017	-218013
133	National Fertilizers Ltd.	510	226387	-225877
134	Bharat Electronics Ltd.	10323	342518	-332195
135	NTPC Ltd.	130	357502	-357372
136	Power Grid Corporation of India Ltd.	2489	583637	-581148
137	State Trading Corpn. of India Ltd.	1395	634835	-633440
138	Rashtriya Ispat Nigam Ltd.	131000	841143	-710143
139	Hindustan Aeronautics Ltd.	40504	790307	-749803
140	GAIL (India) Ltd.	1480500	2986900	-1506400
141	Oil & Natural Gas Corporation Ltd.	342242	2135903	-1793661
142	M M T C Ltd.	110392	1995233	-1884841
143	Mangalore Refinery & Petrochemicals Ltd.	2217066	4144690	-1927624
144	Steel Authority of India Ltd.	287264	2611674	-2324410
145	Chennai Petroleum Corporation Ltd.	0	3054765	-3054765
146	Hindustan Petroleum Corpn. Ltd.	528795	5198426	-4669631
147	Bharat Petroleum Corpn. Ltd.	1322049	11148610	-9826561
148	Indian Oil Corporation Ltd.	2225454	23438573	-21213119
	Grand Total:	14337696	66491381	-52153685

Sector wise Secured & Unsecured Loans

(Rs in crore)

Sl. No.	Cognate Group/ CPSEs	2018-19		2017-18	
		Secured Loan	Unsecured Loan	Secured Loan	Unsecured Loan
	Crude Oil				
1	Oil India Ltd.	-	7,266.78	-	7,365.56
2	ONGC Videsh Ltd.	-	-	-	1,939.85
	Sub Total :	-	7,266.78	-	9,305.41
	Steel				
3	Steel Authority of India Ltd.	-	334.88	-	3,371.54
	Sub Total :	-	334.88	-	3,371.54
	Petroleum (Refinery & Marketing)				
4	Bharat Petroleum Corpn. Ltd.	-	9,740.99	-	16,886.46
5	Hindustan Petroleum Corpn. Ltd.	-	8,495.47	-	5,395.84
6	Indian Oil Corporation Ltd.	-	44,611.28	-	35,148.36
7	Mangalore Refinery & Petrochemicals Ltd.	-	4,149.60	-	1,890.22
	Sub Total :	-	66,997.34	-	59,320.88
	Fertilizers				
9	National Fertilizers Ltd.	61.22	-	114.64	-
	Sub Total :	61.22	-	114.64	-
	Industrial And Consumer Goods				
10	HLL Lifecare Ltd.	-	-	65.36	-
	Sub Total :	-	-	65.36	-
	Power Generation				
11	NLC India Ltd.	-	437.33	-	479.89
12	North Eastern Electric Power Corporation Ltd.	-	507.70	-	408.54
13	NTPC Ltd.	-	36,331.48	-	36,660.05
14	SJVN Ltd.	1,773.58	-	-	1,824.06
	Sub Total :	1,773.58	37,276.51	-	39,372.54
	Power Transmission				
15	Power Grid Corporation of India Ltd.	28,293.20	10,264.43	23,843.16	9,014.86
	Sub Total :	28,293.20	10,264.43	23,843.16	9,014.86

	Transport and Logistic Services				
16	Airports Authority of India	-	37.16	-	37.43
17	GAIL (India) Ltd.	-	370.14	-	475.78
	Sub Total :	-	407.30	-	513.21
	Contract & Construction and Tech. Consultancy Services				
18	National Small Industries Corpn. Ltd.	-	52.68	-	56.90
	Sub Total :	-	52.68	-	56.90
	Financial Services				
19	Housing & Urban Dev. Corpn. Ltd.	-	400.87	-	461.71
20	Indian Renewable Energy Devt. Agency Ltd.	2,220.72	7,417.41	1,121.79	6,571.02
21	Power Finance Corporation Ltd.	-	22,560.31	-	15,901.09
22	REC Ltd.	-	33,950.25	-	29,689.04
	Sub Total :	2,220.72	64,328.84	1,121.79	52,622.86
	Grand Total:	32,348.72	1,86,928.76	25,144.95	1,73,578.20

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. Productivity is, however, influenced by both endogenous and exogenous factors. While endogenous factors comprise of higher technology, quality of labour, scale of output and good management practices, the exogenous factors comprise of interest rates, tax policies, infrastructure facilities, weather conditions, law and order condition and the overall state of the economy.

Productivity, in turn, is the measure of efficiency in use of resources (or inputs) in the production of various 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 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 in the section on Statements & Appendices at the end of this Volume (Statement No. 16). 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

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

Table 4.1						
Sl. No	CPSE	Product	Installed Capacity	Capacity Utilization (%)		
				2018-19	2017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Steel Authority of India Limited	Saleable Steel	18.64 Million Tonne	81	79	92
2	Rashtriya Ispat Nigam Ltd	Saleable steel	57,13,000 tonne	88	81	77
		Bar Products	16,50,000 tonne	84	120	117
		Pig Iron	1,00,000 tonne	117	19	27
		Wire Rods	1650000 tonne	96	105	96
		Structural Products	17,50,000 tonne	73	104	89
3.	Mishra Dhatu Nigam Ltd.	Super alloys, Special Steels	5550 MT	124	109	123

(MT-- Metric Tonne)

- Steel Authority of India Limited produced 15.07 Million Tonnes of Saleable Steel during 2018-19 as against the production of 14.07 Million Tonnes of Saleable Steel during the previous year.
- Rashtriya Ispat Nigam Limited produced 50,00,000 tonnes of Saleable Steel, 13,84,000 tonnes of Bar Products, 1,17,000 Tonnes of Pig Iron, 15,81,000 tonnes of Wire Rods and 12,71,000 tonnes of Structural Products during 2018-19 against 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 the previous year.
- Mishra Dhatu Nigam Limited produced 6,891 MT of Super alloys and Special Steels during 2018-19 as against the 6,030 MT during the previous year.

4.1.1.2 Other Minerals and Metals

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

Table 4.2						
Sl. No.	CPSE	Product	Installed Capacity (2018-19)	Capacity Utilisation (%)		
				2018-19	1017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	FCI Aravali Gypsum & Minerals Ltd	Gypsum	12,15,000 MT	34	27	48
2	Hindustan Copper Limited	Copper Cathode	68,500 MT	24	38	38
		Copper Wire Rod	60,000 MT	36	37	30
3	KIOCL	Iron ore pellets	3.5 Million Tonnes	64	66	-
4	NMDC Limited	Diamonds	100392.11 Carats	38	39	-
		Iron Ore	409.63 Lakh Tonnes	79	91	-

(MT – Metric Tonne)

- FCI Aravali Gypsum & Minerals India Limited produced 4,11,844 MT of Gypsum during 2018-19 as compared to 3,26,661 MT of Gypsum in 2017-18.
- Hindustan Copper Limited produced 16,215 MT of Copper Cathode and 21,450 MT of Copper Wire Rod during 2018-19 as compared to 25,949 MT of Copper Cathode, and 22,211 MT of Copper Wire Rod in previous year.
- KIOCL Limited produced 2.24 million tonne of iron ore pellets during 2018-19 as compared to 2.33 million tonne in 2017-18.
- NMDC Limited produced 38149 carats of Diamonds and 323.61 lakh tonnes of Iron Ore during the year 2018-19 as compared to 39,394 Carats of Diamonds and 355.76 lakh 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 nine CPSEs is presented in the Table below: -

Table 4.3						
Sl. No.	CPSE	Product	Installed Capacity (2018-19)	Capacity Utilisation (%)		
				2018-19	2017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Coal India Limited	Coal	802282.03 MT	98	97	52
2	Northern Coalfields Limited	Coal	90.69 Million Tonne	112	98	89
3	Central Coalfields Ltd.	Coal & OBR	179 (MT/MCuM)	80	78	103
4	Eastern Coalfields Ltd.	Coal	52.94 Million Tonne	95	77	77
		OB	143.95 Million Cum	88	68	89
5	South Eastern Coalfields Ltd.	Coal	167.39 Million Tonne	94	88	96
6	Western Coalfields Ltd.	Coal	64.28 Million Tonne	83	80	84
7	Bharat Coking Coal Limited	Raw Coal	47.033 Million Tonne	66	71	71
		Washed Coal	4.03 Million Tonne	16	15	25
8	NLC India Limited	Lignite	30.6 Million Tonne	79	82	90
		Thermal	28736.87 MU	72	72	74
9	Mahanadi Coalfield Limited	Coal	165.1 Million Tonne	87	82	71

(MU- Million Unit)

- Coal India Limited produced 7,83,990 Metric Tonne of coal in 2018-19 as compared to 7,81,000 Metric Tonne in the previous year.
- Northern Coalfields Limited produced 101.57 Million Tonnes of coal during the year 2018-19 as compared to 98 Million Tonnes in the previous year.
- Central Coalfields Limited produced 1,44,061 Million Tonne of Raw Coal during the year 2018-19 as compared to 1,35,750 Million Tonne in the previous year.
- Eastern Coalfields Limited produced 50.16 MT of Coal and 126.06 M. Cum of OB during the year 2018-19 as compared to 43.57 MT of Coal and 118.89 M. Cum of OB in the previous year.
- South Eastern Coalfields Limited produced 157.35 Million Tonne of Coal during the year 2018-19 as compared to 144.71 Million Tonne during the previous year.
- Western Coalfields Limited produced 53.18 Million Tonnes of Coal during the year 2018-19 as compared to 46.220 Million Tonne during the previous year.
- Bharat Coking Coal Limited produced 31.039 Million Tonne of Raw Coal and 0.634 Million Tonne of Washed Coal during the year 2018-19 as against 32.607 MT of Raw Coal and 0.801 MT of Washed Coal during the previous year.
- NLC India Limited produced 24.25 Million Tonnes of Lignite and 20676.18 MU of Thermal Power during the year 2018-19 as against the production of 25.15 Million Tonnes of Lignite and 20740.84 MU of Thermal Power during previous year.
- Mahanadi Coalfield Limited produced 144.15 million tonne of Coal/OB during 2018-19 as against 141.05 million tonne of Coal/OB in previous year.

4.1.1.4 Electricity Generation

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

Table 4.4						
Sl. No.	CPSE	Product	Installed Capacity (2018-19)	Capacity Utilisation (%)		
				2018-19	2017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	NTPC Limited	Electricity Power	47,325 MW	77	78	79
2	NHDC Limited	Electricity	2046.78 MU	94	90	93
3	North Eastern Electric Power Corporation Ltd.	Electricity	1,347 MW	83	90	83
4	Nuclear Power Corporation of India	Electricity	6,680 MW	70	70	80
5	NHPC Limited	Electricity	23,432 MW/MU	85	85	83
6	SJVN Limited	Electricity	1,912 MW	103	99	105
7	THDC India Ltd.	Electricity	1,513 MW	71	72	73

(MU – Million Units, MW -Mega Watt)

- NTPC Limited generated 274 Billion Units during 2018-19 against 266 Billion Units of Electricity during 2017-18.
- NHDC Limited generated 1921 Million Units of Electricity during 2018-19 as against 1,325 Million Units of Electricity during the previous year.
- North Eastern Electric Power Corporation Ltd. generated 6104 Million Units of Electricity during 2018-19 as compared to 6,166 Million Units in the previous year.

- Nuclear Power Corporation of India Ltd. generated 37813 Million Units of Electrical Power during 2018-19 as compared to 38,336 Million Units in the previous year.
- NHPC Limited generated 24472 Million Units of Electricity during 2018-19 as compared to 22975 Million Units in the previous year.
- SJVN Limited generated 8,336 MU of electricity during 2018-19 against 9,223 MU of electricity during previous year.
- THDC India Limited generated 4,687 Million Units of Electricity during 2018-19 as compared to 4,440 Million Units in the previous year.

4.1.1.5 Petroleum (Refinery & Marketing)

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

Table: 4.5						
Sl. No.	CPSE	Product	Installed Capacity (2018-19)	Capacity Utilisation (%)		
				2018-19	2017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	GAIL (India) Limited	Polymer	810 KTA	93	83	75
		LPG	1068 TMT	89	93	83
		Naphtha	124 TMT	72	76	84
		Pentane	58 TMT	62	52	32
		Propane	257 TMT	96	64	47
2	Mangalore Refinery and Petrochemicals Ltd.	Crude	15 MMT	108	108	108
3	Indian Oil Corporation Limited	Crude	69.2 MMT	104	100	94
4	Chennai Petroleum Corporation Ltd.	ATF	779.69 TMT	96	102	89
		FO	1464.51 TMT	32	75	84
		Gasoline	950 TMT	105	117	116
		HSD	4,523.5 TMT	103	102	92
		LPG	400 TMT	78	83	77
		NAPHTHA	950 TMT	65	80	76
		SKO	450 TMT	31	43	76
5	Hindustan Petroleum Corpn. Ltd.	Petroleum Products	31,600 TMT	117	116	113
6	Numaligarh Refinery Ltd.	LPG, Petrochemical Grade Naphtha (Pcn), Fuel Grade	3000 TMTPA	96	94	89

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

- GAIL (India) Ltd. Produced 751 KTA of Polymer, 945 TMT of LPG, 97 TMT of Naphtha, 36 TMT of Pentane and 247 TMT of Propane during 2018-19 against 671 KTA of Polymer, 989 TMT of LPG, 94 TMT of Naphtha, 30 TMT of Pentane and 165 TMT of Propane during the previous year.
- Mangalore Refinery and Petrochemicals Ltd. processed 16.23 MMT crude during 2018-19 as compared to 16.13 MMT in previous year.
- Indian Oil Corporation Limited processed 71.816 MMT of crude during the year 2018-19 as compared to 69 MMT during the previous year.
- Chennai Petroleum Corporation Ltd. produced 749 TMT of ATF, 475 TMT of FO, 997 TMT of Gasoline, 4677 TMT of HSD, 310 TMT of LPG, 617 TMT of NAPHTHA and 141 TMT of SKO during the year 2018-19 as compared to 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 respectively in previous year.
- Hindustan Petroleum Corpn. Ltd. processed 36,888 TMT of crude during the year 2018-19 as compared to 36,552 TMT during the previous year.
- Numaligarh Refinery Ltd. produced 2866 TMT of LPG, NAPHTHA, MS, ATF, SKO, HSD, SULPHUR, WAX during the year 2018-19 as compared to 2809 TMT 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 below: -

Table 4.6						
Sl. No.	CPSE	Product	Installed Capacity (2018-19)	Capacity Utilisation (%)		
				2018-19	2017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Brahmaputra Valley Fertilizer Corporation Ltd.	Urea	5,10,000 MT	56	53	61
2	Madras Fertilizers Ltd.	NPK	8,40,000 MT	3	7	6
		Urea	4,86,750 MT	81	86	96
		Bio Fertilizers	250 MT	60	32	44
		Ammonia (Intermediate)	3,46,500 MT	66	73	80
3	National Fertilizers Ltd.	UREA	32,30,700 MT	119	118	118
4	Rashtriya Chemicals & Fertilizers Ltd.	Urea Thal	20,00,000 MT	99	107	108
		Suphala (15:15:15)	4,20,000 MT	134	114	111
		Ammonia-V	2,97,000 MT	127	130	120
		Ammonia	11,55,000 MT	110	113	115
		Urea Trombay	3,30,544 MT	119	136	128
5	Fertilizers & Chemicals (Travancore) Ltd.	Ammonium Sulphate	2,25,000 MT	63	80	68
		NP 20:20:0:13	8,33,500 MT	74	80	77

(MT – Metric Tonne)

- Brahmaputra Valley Fertilizer Corporation Ltd. Produced 2,86,315 MT of urea during 2018-19 as against 2, 69,586 MT of urea during the previous year.
- Madras Fertilizers Ltd. produced 25,160 MT of NPK, 150.1 MT of Bio-fertilizers, 3,94,300 MT of Urea and 2,29,774 of Ammonia (Intermediate) during 2018-19. The corresponding production figures for the previous year were 62,110 MT of NPK, 83 MT of Bio-fertilizers, 4,18,898 MT of Urea and 2,52,258 MT of Ammonia (Intermediate).
- National Fertilizers Ltd. produced 3859307 MT of Urea during 2018-19 against 38, 10,250 MT of urea during 2017-18.
- Rashtriya Chemicals & Fertilizers Ltd. produced 23,75,465 MT of Urea, 5,61,292 MT of Suphala, 3,76,745 MT of Ammonia-V, 12,66,815 MT of Ammonia during 2018-19 as against 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 the previous year.
- Fertilizers & Chemicals (Travancore) Ltd. produced 141754 MT of Ammonium Sulphate and 6,16,815 MT of NP 20:20:0:13 during 2018-19 against 1,80,178 MT of Ammonium Sulphate and 6,70,916 MT of NP 20:20:0:13 during the previous year.

4.1.1.7 Chemicals and Pharmaceuticals

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

Table 4.7						
Sl. No.	CPSE	Product	Installed Capacity 2018-19)	Capacity Utilisation (%)		
				2018-19	2017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Hindustan Antibiotics Limited.	Formulation	28694.74 Lacs	19	12	1
2	Hindustan Fluorocarbons Ltd.	PTFE	514.29 MT	7	6	8
		CFM-22	1259.57 MT	94	100	-
3	Hindustan Organic Chemicals Ltd.	Phenol, Acetone, H ₂ O ₂ (Hydrogen Peroxide)	75125 MT	79	49	20
4	Brahmaputra Crackers & Polymer Ltd.	LLDPE/HDPE/PP	2,71,946.73 MT	107	78	36
5	HIL (India) Limited	DDT 50% WDP (Rasayani)	10000 MT	29	28	35
		Malathion Technical (Rasayani)	1800 MT	41	21	27
		Monocrotophos Technical (Rasayani)	300 MT	13	33	26
		Chlorpyrifos/ Buprofezin Technical (Rasayani)	1000 MT	22	15	10
		Imidacloprid Technical (Rasayani)	300 MT	9	37	26
		Mancozeb 75% WP (Udyodamandal)	2000 MT	41	54	61
		Glyphosate Technical (Udyodamandal)	500 MT	18	25	9

(MT – Metric Tonne)

- Hindustan Antibiotics Limited produced 5452 lacs of Formulation during the year 2018-19. The comparative figures for the previous year were 3744 lacs of Formulation
- Hindustan Fluorocarbons Ltd. produced 36 MT PTFE (Poly Tetra Fluoro ethylene) & 1184 MT of CFM-22 during 2018-19 as against the production of 30 MT of PTFE & 1265 MT of CFM-22 during the previous year.
- Hindustan Organic Chemicals Ltd. produced 58910 MT of (Phenol, Acetone, and Hydrogen Peroxide) during the year 2018-19 as compared to 36808 MT of (Phenol, Acetone, Hydrogen Peroxide) during the previous year.
- Brahmaputra Crackers & Polymer Ltd. produced 2,90,983 MT of LLDPE/ HDPE/PP during 2018-19 as against 2, 12,568 MT during previous year.
- HIL (India) Ltd. produced 2910 MT of DDT 50% WDP, 742.90 MT of Malathion Technical, 37.78 MT of Monocrotophos Technical, 218.60 MT of Chlorpyriphos / Buprofezin Technical, 28.13 MT of Imidacloprid Technical, 825 MT of Mancozeb 75% WP and 88.60 MT of Glyphosate Technical during 2018-19 against 2781 MT of DDT 50% WDP, 377.83 MT of Malathion Technical, 99.55 MT of Monocrotophos Technical, 148.65 MT of Chlorpyriphos / Buprofezin Technical, 112.28 MT of Imidacloprid Technical, 1077 MT of Mancozeb 75% WP and 122.55 MT of Glyphosate Technical during 2017-18.

4.1.1.8 Heavy & Medium Engineering

The information in respect of three CPSEs for last 3 years is tabulated below: -

Table 4.8						
Sl. No.	CPSE	Product	Installed Capacity (2018-19)	Capacity Utilisation (%)		
				2018-19	2017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Braithwaite & Co Ltd	Wagon	1200 Nos	72	44	65
		Bogie				
	1800 Nos	76	54	67		
2	Bharat Heavy Electricals Ltd.	Boiler	8,33,205 MT	52	45	40
		Electrical Machines	2,250 Nos.	33	27	33
		Power Transformer	45,000 MVA	72	77	75
		Traction Machines	3,200 Nos.	83	67	48
		Turbine-ref hard copy	20,000 MW	19	29	40
		Generators	20,000	19	25	43
3	HEAVY ENGINEERING CORPN. LTD.	24/96 Dragline	1960.4 Ton	13	-	-
		5/10 Cum Rope Shovel	4070.11 Ton	3	7	-
		EOT Crane	6,940 Ton	3	10	42
		Mining Spares	2,000 Ton	57	32	32
		Steel plant items/ Components	2,000 Ton	42	63	17

		Medium & Heavy Steel Casting	16,380.44 Tons	11	7	7
		Forging & Forged Rolls	9,830 Tons	19	17	9
		Machine Tools & Accessories	1,335 Tons	12	2	15
4	Rajasthan Electronics & Instruments Limited	Electronic Milk Analyzers	4,500 Nos.	258	236	225
		SPV Modules Systems	19,000 KW	64	59	49
5	Balmer Lawrie & Co. Ltd.	Barrels And Drums	50.98 Lakhs	87	90	87
		Greases And Lubricants	69,240 MT	44	50	52
		Leather Chemicals	4,256 MT	159	163	155
6	Central Electronics Limited	Axle Counters	600 Nos.	179	131	128
		Phase Shifters	36,058 Nos.	62	167	126
		Solar PV Modules	28,000 KW	12	19	52
7	Cochin Shipyard Ltd.	Ship Building	1,50,000 DWT	111	100	101
8	Goa Shipyard Ltd.	Shipbuilding	0.992 SSU	68	106	120
		Shipbuilding (Based on Infrastructure)	3 SSU	53	82	95
9	Hindustan Shipyard Ltd.	Shipbuilding	34412.21 CGT	19	46	56
10	Hindustan Aeronautics Ltd.	Manufacture of aircraft and helicopter and ROH	268 Lakh SMH	115	110	108
11	Mazagon Dock Ltd.	Warships and Submarines	1425 (shipbuilding In-house capacity in tons)	113	104	99.15
12	Garden Reach Shipbuilders & Engineers Ltd	Ship Building	3,230 Tonne	83	55	28
		Deck Machinery & Pumps	75 No.	64	20	36
		General Engineering	3,600 MT	87	120	135
		Diesel Engine	86 No. Set	7	17	4

(KW – Kilo Watt; MT – Metric Tonne; KW/h – Kilo Watt per Hour)

(MT- Metric Tonne, MVA – Mega Volt Ampere)

(SSU – Standard Ship Unit; DWT – Dead Weight Tonnage; SMH – Standard Man Hours, CGT- Compensated Gross Tonnage)

- Braithwaite & Co. Ltd. constructed 869 Nos of Wagon and 1371 Nos of Bogie during the year 2018-19. The corresponding figure during the previous year was 530 nos. and 970 nos. respectively.
- Bharat Heavy Electricals Ltd. produced 3,52,405 MT of Boilers, 750 Nos. Electrical Machines, 32,269 MVA of Power Transformer, 2,663 Nos. of Traction Machines, 3,898 MW of Turbine and 3,726 MW of Generators during 2018-19 as against 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 and 5,086 MW of Generators during the year previous.
- Heavy Engineering Corpn. Ltd. produced 257

Ton of 24/96 Dragline, 110.3 Ton of Cum Rope Shovel, 189.3 Tons of EOT Crane, 1133.3 Tons of Mining Spares, 843.7 Tons of Steel plant items/Components, 1880.5 Tons of Medium & Heavy Steel Casting, 1824 Tons of Forging & Forged Rolls and 163 Tons of Machine Tool & Accessories during the year 2018-19. The Company 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.

- Rajasthan Electronics & Instrument Ltd produced 11,630 Nos. of EMA (Electronic Milk Analyser) & 12,150 KWP of SPV (Solar Photo Voltaic) Modules Systems during 2018-19, as against 10,609 Nos. of EMA (Electronic Milk Analyser) & 11,120 KWP of SPV (Solar Photo Voltaic) Modules Systems in the previous year.
- Balmer Lawrie & Co. Ltd. produced 44.59 lakhs Barrels and Drums, 31,000 MT of Greases and Lubricants and 6,787 MT of Leather Chemicals during the year 2018-19 as against the production of 45.75 lakhs Barrels and Drums, 35,000 MT of Greases and Lubricants and 6,939 MT of Leather Chemicals during the previous year 2017-18.
- Central Electronics Limited produced 1074 Nos. Axle Counters, 22356 Nos. Phase Shifters and 3360 KW of Solar PV Modules during 2018-19 as against 790 Nos. Axle Counters, 60287 Nos. Phase Shifters and 5244 KW of Solar PV Modules in the previous year.
- Cochin Shipyard Ltd. built 1,66,200 DWT of ships during the year 2018-19 as compared to 150000 DWT in the previous year.

- Goa Shipyard Limited produced 0.68 SSU (Production performance Index based on Manpower) and 1.60 SSU (Based on Infrastructure) shipbuilding units in 2018-19 as compared to 1.05 SSU (Production performance Index based on Manpower) and 2.45 SSU (Based on Infrastructure) shipbuilding units in the previous year.
- Hindustan Shipyard Ltd. built 6,762 CGT of ships during the year 2018-19 as compared to 15,977 CGT in the previous year.
- Hindustan Aeronautics Limited, produced 268.63 SMH of aircrafts during the year 2018-19 as against 267.68 SMH of aircrafts during 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
- Mazagon Dock Ltd. built 1606 tons of Warships and Submarines during the year 2018-19 as compared to 1482 tons in the previous year.
- Garden Reach Shipbuilders & Engineers Ltd. produced 2692 tons of Ship Building, 48 Nos. of Deck Machinery & Pumps, 2692 MT of General Engineering and 6 Nos. of Diesel Engine during 2018-19 as against 1765 tons of Ship Building, 15 Nos. of Deck Machinery & Pumps, 4,305 MT of General Engineering and 15 Nos. of Diesel Engine during the previous year.

4.1.1.9 Industrial and Consumer Goods

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

Table 4.9						
Sl. No.	CPSE	Product	Installed Capacity (2018-19)	Capacity Utilization (%)		
				2018-19	2017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	HLL Lifecare Ltd.	Condoms	1892 M.Pcs	43	98	98
		Blood Bags	12.50 M.Pcs	81	59	74
		Copper T	5.50 M.Pcs	52	43	67
		Steroidal OCPs	98.66 Million Cycles	43	45	35
		Pregnancy Test Card	26 M. Pcs.	50	48	48
		Suture	6 LDoz	10	22	34
		Non-Steroidal OCP	30 Million Tablets	221	138	110
		Sanitary Napkins	392 Million Pieces	51	64	70
2	Hindustan Newsprint Ltd.	Newsprint	100000 MT	33	67	92
3	Hindustan Salts Ltd.	Bromine	900 MT	40	37	37
		MGCL	7500 MT	64	48	27
	Sambhar Salts Ltd.	Processed Salt	90000	21	16	21
4	Security Printing and Minting Corpn. of India Ltd.	Circulation Coins	7,750 M.Pcs.	69	91	132
		Bank Notes	8,000 M.Pcs	131	134	127
		Non Judicial Stamp Paper	420 M.Pcs	76	81	81
		Passport and Allied Booklets	12.50 M.Pcs	113	93	125
		Security Paper	7,725 (MT)	78	64	36
5	Artificial Limbs Mfg. Corpn. Of India	Tricycle (A)	80500 Nos.	83	118	119
		Wheel Chairs (B)	38000 Nos.	214	153	163
		Crutches (C)	62400 Nos.	132	116	129
		Hearing Aids (D)	105000 Nos.	148	128	142
6	Cement Corporation of India Limited	Cement	1446243 MT	44	52	20

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

- HLL Lifecare Ltd. (formerly Hindustan Latex Ltd.) produced 819 million pieces of condoms, 10.7 million pieces of blood bags, 2.87 million pieces of Copper T, 12.93 million pieces of pregnancy test cards, 42.85 Million Cycles of Steroidal OCPs, 0.61 LDoz of Suture, 66.3 Million tablets of Non-Steroidal OCP and 200 Million Pieces of Sanitary Napkins during the year 2018-19 as compared to 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 previous year.
- Hindustan Newsprint Ltd. produced 33,495 MT of newsprint during the year 2018-19 as compared to 67,385 MT during the previous year.
- Hindustan Salts Ltd. produced 361 MT Bromine and 4,766 MT MGCL during the year 2018-19 as compared 330 MT Bromine and 3,600 MT MGCL during the previous year.
- Sambar Salts Ltd. produced 19,120 MT Process Salt during the year 2018-19 as compared to 14,375 MT Process Salt during the previous year.
- Security Printing and Minting Corporation of India Ltd. produced 5,331 Million pieces of Circulation Coins, 10,482 Million pieces of Bank Notes, 14.11 Million pieces Passport and Allied Booklets and 318 Million pieces of Non-Judicial Stamp Paper and 6026 Metric Ton of Security Paper during 2018-19 against 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 previous year.
- Artificial Limbs Mfg. Corpn. Of India produced 3,86,085 (tri cycles, wheelchairs, crutches and hearing aids) pieces of during the year 2018-19 as compared to 3,18,951 pieces of tri cycles, wheelchairs, crutches and hearing aids during the previous year.
- Cement Corporation of India Limited produced 6,34,322 MT of cement during the year 2018-19 as compared to 7,53,075 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 below: -

Table 4.10						
Sl. No	CPSE	Product	Installed Capacity (2018-19)	Capacity Utilization (%)		
				2018-19	2017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	National Textile Corpn. Ltd.	Yarn and Cloth	592.59 KGS and Mtrs	85	88	85

- National Textile Corpn. Ltd. produced 505.95 KGS and Mtrs of Yarn and Cloth during 2018-19 as against 527.81 KGS and Mtrs during the previous year.

4.1.1.11 Crude Oil

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

Table 4.11						
SI. No.	CPSE	Product	Unit	Production		
				2018-19	2017-18	2016-17
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Oil and Natural Gas Corporation Ltd.	Crude Oil	MMT	242	254	255
		Natural Gas	SCM	2,58,110	2,46,100	2,32,700
2	ONGC Videsh Limited	Crude Oil	MMT	10	9.353	8.434
		Natural Gas	BCM	5	4.811	4.369
3	Oil India Limited	LPG	60,000 T(Original) 55,000 T (Re-rated)	61%	62%	63%

(MMT – Million Metric Tonne; SCM – Standard Cubic Metre; BCM- Billion Cubic Meters; MT – Metric Tonne)

- Oil and Natural Gas Corporation Ltd. produced 242 MMT of Crude Oil & 2,58,110 SCM of Natural Gas during 2018-19 as against 254 MMT of Crude Oil & 2,46,100 SCM of Natural Gas during the previous year.
- ONGC Videsh Limited produced 10 MMT of Crude Oil and 4.73 BCM of Natural Gas during 2018-19 as against 9.353 MMT of Crude Oil and 4.811 BCM of Natural Gas during the previous year.
- Oil India Limited produced 33,730 Tonne of LPG during 2018-19 as against 34,110 Tonne of LPG during previous year.

4.1.2 Inventory Management

4.1.2.1 Overall Analysis

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

requirements. Inventory requirements at a given company vary based on customer support requirements and type of business. Hence it differs from industry to industry and may vary from location to location. While the industry and service levels influence inventory practices, ratio of cost of production to average value of inventory termed as inventory turnover is frequently used to measure inventory management performance. This ratio measures how far the inventory is moving through the firm and generating sales.

The inventory management in public enterprises has been increasing / decreasing over the years. The inventory level, which was 54 days cost of production / inventory turnover ratio as on 31.3.2010, had declined to 43 days of cost of production / inventory turnover ratio as on 31.3.2019. The overall position of inventory management during the last 10 years is depicted in the Table 4.12 given below:-

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
(1)	(2)	(3)	(3)/(2)	(2)/(3)*365 Or 365/(4)
			(4)	(5)
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	219019	1710875	7.81	47
31.3.2019	239198	2032164	8.50	43

The above figures do not include inventory held by the public sector enterprises operating in Trading and Marketing Services, Contract & Construction and Tech. Consultancy Services, Hotel and Tourist Services and Financial Services. CPSEs in these sectors have 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	Value (Rs. in crore) 2017-18	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	520.03	189	550.83	146
For Agriculture Sector	520.03	189	550.83	146
(b) Power Sector				
1. Power Generation	9392.07	38	11090.02	38
2. Power Transmission	1049.34	29	1247.26	29
For Power Sector	10441.41	37	12337.28	37
(c) Manufacturing Sector				
1. Chemicals & Pharmaceuticals	1216.99	48	1175.14	35
2. Industrial and Consumer Goods	3107.8	156	2069.9	97
3. Fertilizers	2024.78	38	4049.02	61
4. Heavy and Medium Engineering	38388.91	194	40504.91	198
5. Petroleum (Refinery & Mktg.)	115909.46	39	125383.13	34
6. Steel	22870.88	114	27445.78	123
7. Textiles	334.79	81	316.6	81

8. Transportation Vehicle & Equipment	1799.51	211	1702.27	187
For Manufacturing Sector	185653.12	53	202646.75	48
(d) Mining Sector				
1. Coal	6435.42	29	5574.2	26
2. Crude Oil	8835.75	40	10066.96	39
3. Other Minerals & Metals	3395.13	58	3347.11	56
For Mining Sector	18666.3	37	18988.27	36
(e) Services Sector				
1. Telecommunication & Information Technology	247.48	2	852.81	7
2. Transport and Logistic Services	3490.69	12	3821.85	11
For Services Sector	3738.17	11	4674.66	8
For All Cognate Groups	219019.03	47	239197.79	43

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

The level of inventory has gone down in 9 cognate groups namely Industrial and Consumer Goods, Agro-based Industries, Transportation Vehicle & Equipment, Chemicals & Pharmaceuticals, Petroleum (Refinery & Mktg.), Coal, Other Minerals & Metals, Transport and Logistic Services and Crude Oil.

However in case of 4 groups namely Fertilizers, Steel, Telecommunication & Information Technology and Heavy and Medium Engineering 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 47 days cost of production/ inventory turnover ratio during 2017-18 has gone down to the level of 43 days cost of production/ inventory turnover ratio during 2018-19.

A. Agro-Based Industries

The value of inventory held by 3 enterprises belonging to this group was Rs. 550.83crore at the end of 2018-19 as compared to Rs. 520.03 crore at the end of the previous year. The level of inventory was at the level of 146 days at the end of 2018-19 as compared to 189 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 Crores)				Inv./CP*365	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT. DEV.CORP.LTD	1.39	0	26.17	0	19	0
2	HPCL BIOFUELS LTD.	188.37	245.92	157.47	245.65	437	365
3	NATIONAL SEEDS CORPN. LTD.	330.27	304.91	822.09	1130.27	147	98
	SUB TOTAL	520.03	550.83	1005.73	1375.92	189	146

Of the 3 public enterprises under this group the level of inventory decreased in the case of all three public enterprises.

B. Power Generation

The value of inventory held by 13 electricity generating

enterprises as on 31.3.2019 was Rs. 11090.02 crore as compared to Rs. 9392.07 crore at the end of previous year. The level of inventory was 38 days as on 31.3.2019 as same 38 days as on 31.3.2018. 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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1	BHARTIYA RAIL BIJLEE CO. LTD.	28.83	30.87	70.99	1238.2	148	9
2	KANTI BIJLEE UTPADAN NIGAM LTD.	50.73	97.2	818.82	1233.68	23	29
3	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	0	0	0.12	0.41	0	0
4	NHDC LTD.	8.91	8.05	330.93	371.02	10	8
5	NHPC LTD.	95.77	117.14	4620.15	5269.7	8	8
6	NLC INDIA LTD.	1688.9	1464.38	6296.84	5498.1	98	97
7	NLC TAMIL NADU POWER LTD.	400.51	255.73	2268.67	2015.99	64	46
8	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	91.04	110.84	1228.46	1662.18	27	24
9	NTPC LTD.	6057.38	7988.02	65623.39	78631.64	34	37
10	NUCLEAR POWER CORPN. OF INDIA LTD.	886.15	938.95	7093.25	7259.51	46	47
11	PATRATU VIDYUT UTPADAN NIGAM LTD.	3.35	3.34	3.34	1.38	366	883
12	SJVN LTD.	50.5	44.9	854.88	1011.35	22	16
13	THDC INDIA LTD.	30	30.6	1084.43	1238	10	9
	SUB TOTAL:	9392.07	11090.02	90294.27	105431.16	38	38

Of the 13 public enterprises under this group, seven (7) public enterprise could reduce the level of inventory during 2018-19 as compared to the previous year while in the case of another five (5) public enterprise there has been increase in the level of inventory. In case of one (1) public enterprise there in no change.

C. Power Transmission

The value of inventory held by 13 electricity transmission enterprises as on 31.3.2019 was Rs. 1247.26 crore as compared to Rs.1049.34 crore at the end of previous year. The level of inventory was 29 days as on 31.3.2019 as against 29 days as on 31.3.2018. 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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	NTPC ELECTRIC SUPPLY COMPANY LTD	0	0	0	0.01	-	0
2.	POWER GRID CORPORATION OF INDIA LTD.	1038.45	1226.28	12698.81	14785.73	30	30
3.	POWER GRID JABALPUR TRANSMISSION LTD.	0	0	0	21.7	-	0
4.	POWER GRID PARLI TRANSMISSION LTD.	0	4.8	0	90.8	-	19
5.	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	0	0	0	18.29	-	0
6.	POWER GRID WARORA TRANSMISSION LTD.	0	5.36	12.33	95.51	0	20
7.	POWER SYSTEM OPERATION CORPORATION LTD.	0	0	183.12	263.73	0	0
8.	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	13.34	23.35	0	0
9.	POWERBRID NM TRANSMISSION LTD.	0	0	63.45	50.14	0	0
10.	POWERGRID UNCHAHAR TRANSMISSION LTD.	0	0	4.34	4.42	0	0
11.	POWERBRID VIZAG TRANSMISSION LTD.	10.89	10.82	75.63	76.57	53	52
12.	REC POWER DISTRIBUTION CO. LTD.	0	0	151.16	115.86	0	0
13.	REC TRANSMISSION PROJECTS CO. LTD.	0	0	6.02	7.92	0	0
	SUB TOTAL:	1049.34	1247.26	13208.2	15554.03	29	29

Of the 13 public enterprises under this group, one (1) public enterprise could reduce the level of inventory during 2018-19 as compared to the previous year while in the case of two (2) public enterprise, there has been increase in the level of inventory and one has shown no change. Nine (9) CPSEs has shown level of inventory as Nil.

D. Chemicals & Pharmaceuticals

The value of inventory held by 17 enterprises belonging to this group as on 31.3.2019 was Rs.1175.14 crore representing 35 days cost of production as compared to Rs. 1216.99 crore representing 48 days of inventory as on 31.3.2018. 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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	19.7	17.08	75.69	91.96	95	68
2.	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	1.72	14.44	43.42	93.24	14	57
3.	BRAHAMPUTRA CRACKERS & POLYMER LTD.	412.69	368.86	1831.13	2643.99	82	51
4.	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	4.63	0.86	52.35	51.69	32	6
5.	HIL (INDIA) LTD.	84.28	87.27	393.34	432.94	78	74
6.	HINDUSTAN ANTIBIOTICS LTD.	16.24	17.22	77.06	105.3	77	60
7.	HINDUSTAN FLUOROCARBONS LIMITED	5.39	5.58	41.24	43.42	48	47
8.	HINDUSTAN ORGANIC CHEMICALS LTD.	57.31	47.35	438.96	451.16	48	38
9.	HLL BIOTECH LTD.	2.98	0.57	26.83	27.91	41	7
10.	IDPL (TAMILNADU) LTD.	2.13	2.13	7.8	7.8	100	100
11.	INDIAN DRUGS & PHARMACEUTICALS LTD.	11.4	0	54.18	0	77	-
12.	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	16.85	21.58	84.62	79.68	73	99
13.	INDIAN VACCINE CORP. LTD.	0	0	0.67	0.59	0	0
14.	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	51.41	77.79	342.4	337.92	55	84
15.	ONGC MANGALORE PETROCHEMICALS LTD.	520.72	514.41	5645.55	7922.98	34	24
16.	ORISSA DRUGS & CHEMICALS LTD.	4.54	0	13.05	0	127	-
17.	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	5	0	38.89	0	47	-
	SUB TOTAL :	1216.99	1175.14	9167.18	12290.58	48	35

Of the 17 public enterprises, the level of inventory increase in three (3) CPSEs during 2018-19 as compared to the previous year while in case of twelve (12) public enterprises there has been reduction in the level of inventory. There is no change in case of one CPSE and one CPSE has shown Nil inventory.

an inventory valued at Rs. 3107.8 crore held by them during the previous year representing 156 days. The enterprise wise break-up of inventory is given in the Table 4.18 below.

E. Industrial and Consumer Goods

13 enterprises belonging to this group held an inventory valued at Rs. 2069.9 crore representing 97 days of inventory during the year 2018-19 as against

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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	ANDREW YULE & COMPANY LTD.	50.76	53.39	359.6	335.94	52	58
2.	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	56.32	61.49	193.27	283.16	106	79
3.	CEMENT CORPN. OF INDIA LTD.	139.55	135.4	371.74	357.16	137	138
4.	HINDUSTAN NEWSPRINT LTD.	49.84	36.87	363.35	277.13	50	49
5.	HINDUSTAN PAPER CORPORATION LTD.	189.84	0	744.61	0	93	0
6.	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	7.46	0	2.83	0	962	0
7.	HINDUSTAN SALTS LTD.	1.96	2.34	8.46	11.56	85	74
8.	HLL LIFECARE LTD.	173.92	177.48	1125.74	1422.77	56	46
9.	HOOGHLY PRINTING COMPANY LTD.	0.28	0.29	12.24	2.17	8	49
10.	NAGALAND PULP & PAPER COMPANY LTD.	0.19	0.19	10.21	10.21	7	7
11.	NEPA LTD.	10.12	7.08	57.87	66.77	64	39
12.	SAMBHAR SALTS LTD.	10.94	7.03	16.87	26.5	237	97
13.	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	2416.62	1588.34	4025.46	5010.04	219	116
	SUB TOTAL :	3107.8	2069.9	7292.25	7803.41	156	97

The level of inventory has reduced in nine (9) public enterprise during 2018-19 and increased in three (3) public enterprises, whereas there is no change in case of one (1) CPSEs namely Nagaland Pulp & Paper Company Ltd.Co. Ltd.

F. Fertilizers

There were 7 enterprises engaged in the production

of fertilizers. The value of inventory held by them as on 31.3.2019 was Rs. 4049.02 crore representing 61 days of inventory as compared to an inventory value of Rs. 2024.78 crore representing 38 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 Crores)				Inv.CP**365	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	49.79	49.58	445.64	539.97	41	34
2.	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	478.75	652.01	1777.94	1968.06	98	121
3.	HINDUSTAN FERTILIZER CORPN. LTD.	0	0	17.13	53.29	0	0
4.	MADRAS FERTILIZERS LTD.	219.86	280.86	1633.64	1640.59	49	62
5.	NATIONAL FERTILIZERS LTD.	525.94	1586.04	8491.8	11521.32	23	50
6.	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	741.65	1478.78	7152.27	8597.48	38	63
7.	THE FERTILIZER CORPN. OF INDIA LTD.	8.79	1.75	27.07	25.12	119	25
	SUB TOTAL	2024.78	4049.02	19545.49	24345.83	38	61

The level of inventory in two (2) CPSEs has reduced during 2018-19 and increased in four (4) CPSEs during the year. Whereas there is no change in case of Hindustan Fertilizer Corpn. Ltd.

crore representing 198 days cost of production as on 31.3.2019 as against a total inventory valued at Rs. 38388.91 crore representing 194 days as on 31.3.2018. 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. 40504.91

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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	BALMER LAWRIE & CO. LTD.	136.63	142.93	1563.69	1571.06	32	33
2.	BEL OPTRONICS DEVICES LTD.	31.96	29.66	121.62	97.67	96	111
3.	BEL-THALES SYSTEMS LTD.	0.02	0.05	8.93	8.41	1	2
4.	BHARAT DYNAMICS LTD.	1925.87	1664.53	3983.06	2529.74	176	240
5.	BHARAT ELECTRONICS LTD.	4551.32	4413.65	8651.88	9538.74	192	169
6.	BHARAT HEAVY ELECTRICALS LTD.	6258.76	8113.49	27667.74	28681.8	83	103
7.	BHARAT PUMPS & COMPRESSORS LTD.	44.03	32.32	89.66	79.28	179	149

8.	BHARAT WAGON & ENGG. CO. LTD.	5.84	6.02	16.64	3.72	128	591
9.	BHEL ELECTRICAL MACHINES LTD.	4.39	2.73	21.33	22.43	75	44
10.	BRAITHWAITE & CO. LTD.	26.12	35.39	126.14	303.8	76	43
11.	BURN STANDARD COMPANY LTD.	57.02	0	218.27	0	95	0
12.	CENTRAL ELECTRONICS LTD.	50.98	54.85	189.36	231.12	98	87
13.	COCHIN SHIPYARD LTD.	314.56	283.37	1928.01	2424.59	60	43
14.	ELECTRONICS CORPN. OF INDIA LTD.	581.17	1009.1	1345.19	2351.55	158	157
15.	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	513.1	349.57	1393.45	1371.39	134	93
16.	GOA SHIPYARD LTD.	107.39	202.42	1121.13	772.12	35	96
17.	HEAVY ENGINEERING CORPN. LTD.	105.11	85.57	523.98	628.37	73	50
18.	HINDUSTAN AERONAUTICS LTD.	19375.18	19764.51	15975.54	16472.99	443	438
19.	HINDUSTAN CABLES LTD.	0	0	52.28	8.87	0	0
20.	HINDUSTAN SHIPYARD LTD.	77.46	54.33	498.01	454.77	57	44
21.	HMT BEARINGS LTD.	0.04	0	6.05	0.93	2	0
22.	HMT CHINAR WATCHES LTD.	0	0	0	0	0	0
23.	HMT LTD.	19.67	13.29	26.31	30.96	273	157
24.	HMT MACHINE TOOLS LTD.	105.41	147.64	275.83	233.02	139	231
25.	HMT WATCHES LTD.	4.86	0.85	0	0	0	0
26.	HOOGLY DOCK AND PORT ENGINEERS LTD.	9.83	9.25	90.25	2.99	40	1129
27.	I T I LTD.	155.9	148.76	1427.65	1805.83	40	30
28.	INSTRUMENTATION LTD.	34.98	0	132.53	0	96	0
29.	MAZAGON DOCK SHIPBUILDERS LTD.	3785.97	3790.3	4391.46	4458.75	315	310
30.	NAINI AEROSPACE LTD.	0	0	13.14	18.5	0	0
31.	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	21.09	19.46	237.51	255.85	32	28
32.	RICHARDSON & CRUDDAS(1972) LTD.	1.7	1.7	29.94	29.94	21	21
33.	SAIL REFRACTORY COMPANY LTD.	27.63	68.53	114.9	170.41	88	147
34.	SCOOTERS INDIA LTD.	46.77	53.01	75.14	70.62	227	274

35.	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	0	0	0
36.	VIGNYAN INDUSTRIES LTD.	8.15	7.63	29.74	27.5	100	101
	SUB TOTAL	38388.91	40504.91	72346.36	74657.72	194	198

Of the 36 public enterprises, Eighteen (18) CPSEs could reduce the level of inventory during 2018-19 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 six (06) CPSEs during the year.

have inventory valued at Rs. 125383.13 crore as on 31.3.2019 as compared to Rs. 115909.46 crore at the end of previous year. The level of inventory was 34 days cost of production as on 31.3.2019 as against 39 days as on 31.3.2018. The enterprise wise break-up of inventory is given in the Table 4.21 below:-

H. Petroleum (Refinery & Marketing)

There are 6 enterprises operating in Petroleum (Refinery & Marketing) sector as on 31.3.2019. These enterprises

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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	BHARAT PETROLEUM CORPN. LTD.	20874.57	21544.65	268062.42	328847.55	28	24
2.	CHENNAI PETROLEUM CORPORATION LTD.	4759.22	4847.08	42448.15	52138.21	41	34
3.	HINDUSTAN PETROLEUM CORPN. LTD.	18420.22	20193.42	236166.17	288499.65	28	26
4.	INDIAN OIL CORPORATION LTD.	65313.21	71470.38	473795.22	579614.33	50	45
5.	MANGALORE REFINERY & PETROCHEMICALS LTD.	4734.72	5811.04	59471.16	71403.07	29	30
6.	NUMALIGARH REFINERY LTD.	1807.52	1516.56	12894.58	15567.59	51	36
	SUB TOTAL	115909.46	125383.13	1092837.7	1336070.4	39	34

Of the 6 public enterprises, five (5) could reduce the level of inventory during 2018-19 as compared to the previous year while in the case of one (1) enterprises, there has been increase in the level of inventory.

27445.78 crore at the end of 2018-19 as compared to Rs. 22870.88 crore held by them at the end of 2017-18. The level of inventory has increased to 123 days cost of production at the end of the year 2018-19 as compared to 114 days at the end of 2017-18. 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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	FERRO SCRAP NIGAM LTD.	4.16	6.04	327.18	336.45	5	7
2.	MISHRA DHATU NIGAM LTD.	241.38	508.83	494.85	550.33	178	337
3.	RASHTRIYA ISPAT NIGAM LTD.	5628.67	7489.11	15304.5	20093.39	134	136
4.	STEEL AUTHORITY OF INDIA LTD.	16996.67	19441.8	57409.43	60617.92	108	117
	SUB TOTAL	22870.88	27445.78	73535.96	81598.09	114	123

Out of 4 public enterprises in this group, the level of inventory increased in all four (4) companies in year 2018-19.

J. Textiles

There are 4 enterprises in Textiles sector as on 31.3.2019. The value of inventory held by enterprises belonging

to this group was Rs. 316.6 crore at the end of 2018-19 as compared to an inventory of Rs. 334.79 crore at the end of previous year. The level of inventory was 81 days cost of production during the year 2018-19 and same as 81 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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	BIRDS JUTE & EXPORTS LTD.	0.24	0	1.53	0	57	0
2.	BRITISH INDIA CORPORATION LTD.	3.83	3.83	34.93	34.93	40	40
3.	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	6.27	0	8.73	0	262	0
4.	NATIONAL TEXTILE CORPN. LTD.	324.45	312.77	1462.63	1397.47	81	82
	SUB TOTAL	334.79	316.6	1507.82	1432.4	81	81

Out of 4 public enterprises in this group, the level of inventory increased in one (1) enterprise in year 2018-19 as compared to previous year while reduced in the case of two (2) enterprises. There has been no change in the level of inventory for one (1) CPSE.

K Transportation Vehicle & Equipment

Only a single enterprise is engaged in the production

of transportation equipment. The value of inventory held by BEML was Rs 1702.27 crore during the year 2018-19 as against Rs. 1799.51 crore during 2017-18. The level, which was 211 days cost of production at the end of previous year, has further reduced to 187 days at the end of 2018-19. 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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	BEML LTD.	1799.31	1702.27	3118.45	3313.82	211	187
	SUB TOTAL	1799.51	1702.27	3118.45	3313.82	211	187

L Coal

The value of inventory held by 8 public enterprises belonging to this group as on 31.3.2019 was Rs. 5574.2 crore as compared to Rs. 6435.42 crore at the end of

previous year. The level of inventory was 26 days cost of production as on 31.3.2019 as compared to 29 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 Crores)				Inv.CP**365	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	BHARAT COKING COAL LTD.	1028.79	774.09	9994.28	9490.05	38	30
2.	CENTRAL COALFIELDS LTD.	1349.23	1353.66	10501.37	9725.48	47	51
3.	COAL INDIA LTD.	21.39	30.67	895.27	902.5	9	12
4.	EASTERN COALFIELDS LTD.	544.53	420.56	12780.01	12446	16	12
5.	MAHANADI COALFIELDLS LTD.	474.76	502.3	8391.25	9257.76	21	20
6.	NORTHERN COALFIELDS LTD.	712.05	674.03	9221.95	9553.66	28	26
7.	SOUTH EASTERN COALFIELDS LTD.	975.12	935.85	17151.73	16289.83	21	21
8.	WESTERN COALFIELDS LTD.	1329.55	883.04	11630.46	10926.82	42	29
	SUB TOTAL	6435.42	5574.2	80566.32	78592.1	29	26

The value of inventory has decreased in five (5) public enterprises during 2018-19 as compared to the previous year and increased in the case of two (2) public enterprises and there has been no change in the level of inventory for one (1) CPSE.

at Rs. 10066.96 crore as on 31.3.2019 as compared to Rs. 8835.75 crore at the end of previous year. The level of inventory was 39 days cost of production during the years 2018-19. The enterprise wise break-up of inventory is given in the Table 4.26 below:-

M. Crude Oil

There are 5 enterprises operating in Crude Oil sector as on 31.3.2019. These companies had inventory valued

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 Crores)				Inv.CP**365	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	BHARAT PETRO RESOURCES LTD.	2.36	1.78	109.9	116.97	8	6
2.	OIL & NATURAL GAS CORPORATION LTD.	6688.91	7749.17	62486.71	74727.39	39	38
3.	OIL INDIA LTD.	1078.26	1219.91	8015.16	9747.5	49	46
4.	ONGC VIDESH LTD.	1065.51	1095.39	10115.01	9436	38	42
5.	PRIZE PETROLEUM COMPANY LTD.	0.71	0.71	15.07	9.71	17	27
	SUB TOTAL	8835.75	10066.96	80741.85	94037.57	40	39

Out of 5 public enterprises in this group, three (3) enterprises could reduce the level of inventory during 2018-19 as compared to the previous year. In case of two (2) 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 2018-19 was Rs. 3347.11 crore representing 56 days cost of production as compared to the value of inventory of Rs. 3395.13 crore representing 58 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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1.88	1.24	32.93	37.68	21	12
2.	HINDUSTAN COPPER LTD.	788.61	643.67	1603.64	1567.11	179	150
3.	IREL (INDIA) LTD.	141.28	161.37	490.68	615.98	105	96
4.	J & K MINERAL DEVELOPMENT CORPN. LTD.	0	0	1.36	1.06	0	0
5.	KIOCL LTD.	232.76	308.87	1697.86	1827.76	50	62
6.	MOIL LTD.	97.28	102.62	853.26	911.73	42	41
7.	NATIONAL ALUMINIUM COMPANY LTD.	1194.08	1210.01	8701.26	9082.89	50	49
8	NMDC Ltd.	571.69	666.17	6062.18	5501.59	34	44
9.	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	28.44	28.1	312.43	688.81	33	15
10.	THE BISRA STONE LIME COMPANY LTD.	0.87	0.53	56.01	66.9	6	3
11.	URANIUM CORPORATION OF INDIA LTD.	338.24	224.53	1629.15	1628.27	76	50
	SUB TOTAL	3395.13	3347.11	21440.76	21929.78	58	56

Of the 11 public enterprises, Eight (8) enterprises could reduce the level of inventory during 2018-19 as compared to the previous year. There is no change in one (1) CPSE during the year and in case of two (2) CPSEs 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. 852.81 crore as on 2018-19 representing 7 days cost of production as compared to the value of inventory Rs. 247.48 crore representing 2 days of inventory during previous 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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	BHARAT BROADBAND NETWORK LTD.	0	0	303.47	578.26	0	0
2.	BHARAT SANCHAR NIGAM LTD.	212.41	813.1	33760.49	33443.25	2	9
3.	MAHANAGAR TELEPHONE NIGAM LTD.	24.61	24.17	4584.38	4293.73	2	2
4.	MILLENNIUM TELECOM LTD.	0	0	6.28	6.82	0	0
5.	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	1285.78	1338.19	0	0
6.	RAILTEL CORPORATION INDIA LTD.	0	0.87	829.2	796.7	0	0
7.	RAILTEL ENTERPRISES LTD.	0	0	2.88	20.16	0	0
8.	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	10.46	14.67	1190.89	1540.99	3	3
	SUB TOTAL	247.48	852.81	41963.37	42018.1	2	7

In case of five (5) enterprise the level of inventory is nil and in case of two (2) there is no change. Only one (1) CPSE has increased its inventory in 2018-19.

P. 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. 3821.85 crore representing 11 days Inventory Turnover Ratio as on 31.3.2019 as compared to an inventory valued at Rs. 3490.69 crore representing 12 days Inventory Turnover Ratio at the end of previous year. The enterprise wise break-up of inventory is given in the Table 4.29 below:

Table 4.29 : 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	
		2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
1.	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	0	0	113.19	323.64	0	0
2.	AIR INDIA AIR TRANSPORT SERVICES LTD.	12.49	8.98	564.31	579.74	8	6
3.	AIR INDIA ENGINEERING SERVICES LTD.	41.56	63.24	1181.88	1241.78	13	19
4.	AIR INDIA EXPRESS LTD.	271.71	264.6	3115.09	3737.81	32	26
5.	AIR INDIA LTD.	903.19	806.38	24718.59	30194.09	13	10
6.	AIRLINE ALLIED SERVICES LTD.	34.97	21.52	740.32	984.19	17	8
7.	AIRPORTS AUTHORITY OF INDIA	101.62	84.74	8515.87	10442.47	4	3
8.	BPCL-KIAL FUEL FARM PVT. LTD.	0	0	0.15	1.92	0	0
9.	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	2.1	0	0	#DIV/0!
10.	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	0	71.02	70.63	0	0
11.	CENTRAL WAREHOUSING CORPN.	6.05	6.07	1550.92	1378.16	1	2
12.	CHANDIGARH INTERNATIONAL AIRPORT LTD.	0.06	0.06	75.47	88.41	0	0
13.	CONCOR AIR LTD.	0	0	435.11	65.43	0	0
14.	CONTAINER CORPORATION OF INDIA LTD.	27.41	23.25	5074.01	5526.52	2	2
15.	FRESH & HEALTHY ENTERPRISES LTD.	0.42	0.39	7.84	7.64	20	19
16.	GAIL (INDIA) LTD.	1919.52	2321.91	47606.7	67121.88	15	13
17.	GAIL GAS LTD.	8.67	11.4	4483.64	5252.68	1	1
18.	KAMARAJAR PORT LTD.	0	0	155.55	181.76	0	0
19.	PAWAN HANS LTD.	46.49	49.52	444.28	496.85	38	36
20.	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	17.99	25.81	0	0
21.	SHIPPING CORPORATION OF INDIA LTD.	116.53	159.79	3408.21	3973.08	12	15
22.	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	19.58	14.48	0	0
23.	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	0	0	1.02	4.06	0	0
	SUB TOTAL	3490.69	3821.85	102302.84	131713.03	12	11

In the Transport and Logistic Services Sector, out of 23 public enterprises, the level of inventory decreased in Eight (8) public enterprises and five (5) CPSEs has shown no change in inventory level during 2018-19 as compared to the previous year. Ten (10) CPSEs has shown Nil inventory.

4.2 Risk Management in CPSEs

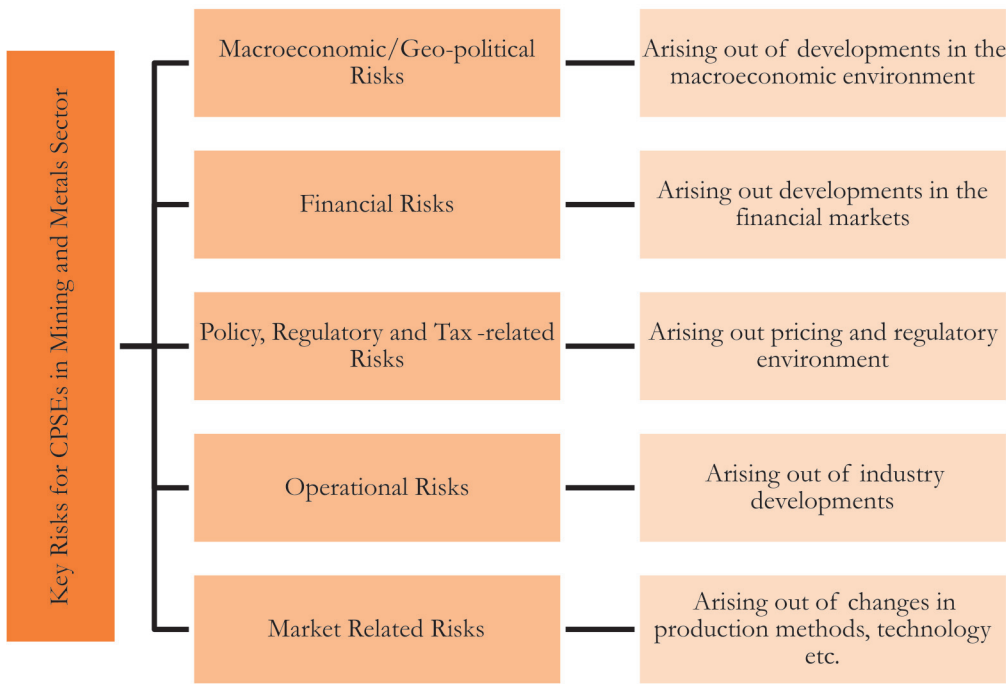
4.2.1 Overview

Enterprise risk management helps management in achieving CPSE's performance and profitability targets. 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 that risk management is undertaken as a part of normal business practice and not as a separate task at set 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.



4.2.2 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

4.2.3 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 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 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..

4.2.4 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.

4.2.5 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.

4.2.6 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.

4.3 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 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.

4.3.1 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.

4.3.1.1 PETROLEUM (REFINERY & MARKETING)

A. Hindustan Petroleum Corporation Limited.

Hindustan Petroleum Corporation Limited (HPCL) has successfully completed the following R&D projects during the year 2018-19

- a. **HP2FCC Technology:** R&D has developed HP2FCC Process and Catalyst. The HP2FCC catalyst has been scaled up to tons scale and 40 tons of catalyst supplied to Mumbai refinery.

Successfully carried out trials in OFCC unit of Mumbai Refinery. Performance of [HP]2 catalysts was superior in terms of propylene yield and RON gain. HP2FCC Commercial scale unit BDEP is planned for setting up in Visakh Refinery.

- b. **Crude to Petrochemicals:** HPCL's state-of-the-art path-breaking Technology: R&D has successfully demonstrated a technology at pilot scale for direct conversion of crude to petrochemicals yielding 45% petrochemicals feedstock. Conventional refinery configuration gives only about 10% - 20% conversion to petrochemicals feedstock. This pilot scale technology is now being planned to be demonstrated at Visakh Refinery. Accordingly, a BDEP for 0.1 MMTPA unit is being planned.
- c. **HP Neutmax:** R&D developed a novel Neutralizing Amine at lab scale and scaled up the formulation in tons' scale. Field trials successfully completed at CDU-II & CDU-III of Visakh Refinery. HP-Neutmax dosage is about 23 % lower than benchmark formulation, while meeting all other parameters.
- d. **HP THERMOPRO:** R&D has developed chemical formulation (HP THERMOPRO) to reduce the fouling in heat exchangers in Crude side & Short Resid side. HP THERMOPRO was Scaled up in tons scale. Field trials was started in CDU-I (Crude & SR side) and CDU-III (SR side) in Visakh Refinery from February, 2019.
- e. **HP-BIOREMEDIA:** Novel microbial based formulations to degrade hydrocarbons in crude sludge in an enhanced manner. R&D developed formulation was scaled up to 1000 Kg and trials is in progress at Visakh refinery.
- f. **HP-FurnOKare:** In-house developed on-line furnace cleaning chemical HP-FurnOKare is in use in MR and VR and successfully carried out the HP-FurnOKare activity for MRPL commercial order. During this year received IOCL commercial order and OMPL Trial order. Achieved targeted performance in terms of arch temp reduction was achieved for all the furnaces.
- g. **HP-BioActiva:** Novel Enzyme based formulations for treatment of refinery effluents

for meeting environmental norms. Trial order of HP-BIOACTIVA were successfully carried out at HMEL Refinery. HP-BIOACTIVA showed marked improvement in effluent quality by reduction of COD and BOD. HMEL has placed commercial order for supply of BioActiva.

- h. **H2 PSA Technology:** Successfully replaced existing adsorbents with in-house Adsorbent system for CCR PSA unit and DHT PSA unit at Visakh Refinery and enhanced plant performance established. Performance test run completed for DHT PSA unit with superior performance in terms of product H2 purity and recovery. In-house PLC programming completed and pilot plant testing in progress for upgradation of existing DHDS PSA unit PLC system at Visakh Refinery.
- i. **HPDUCER:** R&D developed chemical to reduce pressure drop in fixed bed reactor. HPDUCER was scaled up in tons scale and supplied 24 tons to Visakh Refinery for reducing the pressure drop and it is in use to continue the operation of DHDS unit at VR.
- j. **HP-CORMIT:** Indigenously developed corrosion inhibitor showing better performance in MHMBL LPG pipe line. Performance evaluation carried out successfully over three continuous quarters. 2nd evaluation showed reduction in corrosion rate 0.2-0.3 mpy against the benchmark 0.5-0.6 mpy.
- k. **SprayMax FCC Feed Nozzle:** Improved FCC feed nozzle has been designed and fabricated for Visakh Refinery FCC-II. Installation will be done whenever unit shutdown opportunity is available.

Major ongoing R&D projects of HPCL

- a. **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. Basic Design Engineering Package and cost estimation completed. Setting up of Demonstration plant in HPCL Mumbai Refinery is in progress.
- b. **HP Neutmax for SEU:** R&D developed a novel

Neutralizing Amine for Solvent Extraction unit (SEU) at lab scale and scaled up of the formulation in tons' scale is in progress for field trials in Solvent Extraction Unit at Mumbai Refinery.

- c. **HP-DWA:** R&D has developed Dewaxing aid for solvent dewaxing units (SDU). The product synthesis and testing has been completed at Lab scale. Scaled up of the formulation in tons' scale is in progress for field trials in HPCL Mumbai Refinery.

B. Indian Oil Corporation Limited

Indian Oil Corporation Limited (IOCL) Completed following R&D Projects during 2018-19

- a. 103 new lubricants & greases formulations for automotive, rail road, marine, metal working, Industrial sectors were issued and 76 formulations commercialized during 2018-19.
- b. In line with our resolve to remain in contention even in e-mobility domain, IOC R&D has developed a robust product formulation for the **lubrication of transmission of e-vehicles**. The approval for this first Servo product for Electric vehicles was accorded by M&M.
- c. **M15 Blend:** Niti Ayog entrusted the responsibility of making 15% Methanol blended gasoline (M15) as a fuel for SI engine. After detailed studies, necessary solutions were offered to have a stable blend of M15. Studies on material compatibility, vehicle startability & drivability were carried out by the centre. Inputs were provided to BIS for finalizing the M15 specification. The M15 fuel is being considered as an alternative to ethanol wherever the latter is not available.
- d. The Revamp project of **DHDS unit at Gujarat Refinery** was successfully carried out employing indigenous diesel hydrotreating technology developed by IndianOil R&D. The unit capacity was augmented from 1.77 to 2.2 MMTPA using indigenous process design & technology for producing diesel with sulfur below 10 ppm meeting BS-IV diesel specifications.
- e. PoC of a new technology to enhance octane thru usage of methanol available at refinery for value

addition was established. The technology termed as AmyleMax has now been validated at Gujarat Refinery.

- f. Taking stalk of the need for offering complete solution of setting up technologies to third parties a technology implementation cell has been formed. This has strengthened the capability to provide engineering solutions and BDEP preparation of various in-house technologies being considered for deployment
- g. **Support to refineries on various failure analysis** - major one being the solution for damaged PTA dissolver reactor at Panipat refinery permitting repairs employing DHT & PWHT of the tank.
- h. Use of **Poly package of bitumen** wherein the plastic packaging is utilized during the laying of road has been finalized and successful trials conducted at Shimla, Dharmshala & Moradabad. The process will address better managing of plastic waste and also provides ease of handling the bitumen compared to conventional steel drums.
- i. Intelligent Pipeline Inspection Gauge (IPIG) tool developed and commercialized for sizes upto 24". 1049 kms of pipeline inline inspection of Indian Oil Pipeline was done using inhouse IPIG during 2018-19. Inertial Measurement Unit for enabling GPS co-ordinates of pipeline features has also been integrated with the 24" IPIG & validated.
- j. Pipeline transportation of Ethanol blended MS (EBMS) was successfully carried out for the first time in the Mathura-Tundla section after detailed studies about embedded moisture / water in the pipeline and its impact on the stability of EBMS.
- k. Indigenous development of Drag Reducing Agent (DRA) to enhance pipeline throughput was further optimized wherein process intensification leading to 94% reduction in process time with >20 million Dalton molecular weight product was achieved. Scale-up plans are being taken up to commercialize the product which will be an import substitute.
- l. Commissioned a **5MTPD Biomethanation plant** for Municipal Corporation, Faridabad.

The two stage patented Bio-Methanation process developed by R&D converts municipal waste to Methane gas with lower residence time & higher waste to energy conversion. The key benefits being higher methane content (>80%) in the biogas, leading to better heating value and burning efficiency, better control on seasonal variations in gas generation rate and cost effective plant engineering and design

- m. IndianOil R&D's inoculum for Biomethanation has shown higher gas yield -1.5 times of the conventional at M/s Organic Recycle System, Varanasi. This efficacy of the inoculum was further verified at IOT Biogas plant, Namakkal wherein methane increase is more than 40% of the base level.
- n. IOC R&D commissioned World's first pilot plant (Carbon Capture, Utilization, and Storage - 100 Lt/day) to convert Green House Gas CO₂ to drop-in Bio-fuels and high value food supplement like Omega 3 fatty acids. This technology combines Lanzatech, USA process and IOC's proprietary process technology based on Micro algae for production of bio-fuels & high value products like Omega 3 fatty acids. The projected market for Omega 3 fatty acids by 2025 is about 60,000 Tons per annum (~ US \$ 57 billion).
- o. India's first continuous steam explosion pilot plant facility to convert a variety of agricultural and forest **residues into ethanol** has been set-up at IndianOil R&D. This is the first pilot scale facility in India wherein biomass can be digested to recover fermentable sugars by using only steam, thus avoiding the use of any chemicals. The studies will lead to optimize the performance of large scale 2G plants being planned by OMCs.
- p. Scale up of Enzyme Technology for 2G Ethanol has been successfully carried out up to 5 KL level at a third-party pilot plant. The performance is comparable with the only imported product and is expected to be 30% cheaper.
- q. Additised LPG with suitable Nano materials has shown a saving of 5-8% for cooking applications due to higher flame temperature. Post ongoing trials for validation, the product will be

commercialized leading to huge savings in LPG consumption.

- r. Modified Lead Acid battery has shown significant improvement in energy storage and durability on studies conducted on E-rickshaws. Wide scale field trials have been initiated to validate these findings.

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

- New R&D Campus is being set up in Faridabad and will be known as IndianOil Technology Development & Deployment Centre (IOTDDC) at an estimated cost of Rs. 2281.94 Crores. Various research activities / demonstration projects related to Alternative & Renewable energy such as gasification, hydrogen production, storage & transportation, different types of Fuel cell, solar energy, 2nd generation bio fuels etc. will be undertaken. The centre will also house several scale up & demonstration plants based on R&D innovated technologies.
- A demonstration trial of HCNG fuel in BS IV CNG buses in Delhi is underway. The HCNG will be produced through a patented compact reforming technology developed by R&D Centre. The trial will establish the efficacy of HCNG fuel to have lower emissions (attain BS VI values on BS IV vehicles) & better fuel economy compared to CNG.
- Setting up of 1500 MTPA Catalyst Manufacturing Unit (CMU) at PRPC with target production of 500 MTPA FCC Additive and 1000 MTPA DHDT Catalyst for captive use / consumption
- After validating the Octamax Technology at Mathura Refinery, IOC R&D has been awarded the job to set up of 110 kTA Octamax unit at CPCL-CBR and Licensing of technology to CPCL. Octamax technology produces high-octane gasoline blending components using the C₄ stream obtained from catalytic cracking or ethylene cracker. It is cost effective and environmentally benign technology with high degree of flexibility to augment gasoline quality and quantity.

- CSP based solar tower with energy storage facility for conversion of CO₂ & water to fuels & power. Demonstration of stand-alone solar cooking systems in 2 locations in India is planned. A Solar Cooker Laboratory has also been setup at R&D Centre for developing Solar Cooking Options and to develop a domestic cooking system to provide affordable solution to rural areas.
- IOCL R&D is pursuing extensive studies via in house research for commercialization of CCUS options for creating energy from carbon molecule which is otherwise emitted into ambient air by industry. Some of the areas where considerable progress has been achieved are bio-diesel from Algae route and ethanol production from refinery off gas. IOCL is setting up a 3G ethanol production plant of 33000 MT per annum capacity at Panipat Refinery by using refinery off gases as feedstock and bio-fermentation technology from M/s Lanza Tech, USA for the first time.
- Industry collaboration project being undertaken with ONGC for development of drilling fluids (currently imported) to improve drilling efficiency in collaboration with ONGC & OIL. The project also includes development of Lubricity Additives i.e. High pressure extreme pressure lubricants. This will create a domestic source for such products that are presently being imported.
- Development of Resid Hydrocracking Technology (for setting up of 850 kg/hr indResidH Demo unit).
- Development work is being undertaken for(a) IPIG tools with speed control mechanisms and (b) Ultrasonic & magnetic flux leakage (MFL) based combo tools.
- IOC, R&D has developed 2G ethanol technologies with onsite enzyme production and is putting up a 10 TPD demo plant at Panipat.

Highlights of other R&D achievements of IOCL during 2018-19:

- **Patents:** The research pursuits resulted in 160 patents (27 in India and 133 overseas) being filed during the year and 110 patents were

granted taking IndianOil's patent portfolio of effective patents till date to 789. In 2018-19 IOCL R&D is fast moving to attain the major milestone of filing 1000 patents.

• R&D developed Technologies Commercialized during 2018-19:

7 no. of R&D developed technologies commercialized during year 2018-19. These technologies are as follows:

- ⊙ Diesel Hydrodesulfurization (DHDS) Unit
- ⊙ ETP – low MLSS (Mixed liquor suspended solids (MLSS)) bioaugmentation technology
- ⊙ INDMAX proprietary catalyst for PDR INDMAX unit
- ⊙ ZSM-5 FCC additive for LPG and propylene maximization
- ⊙ Residue upgrading Additive for upgradation of bottoms in FCC unit
- ⊙ CO combustion promoter for FCC unit

• Major Awards obtained during 2018-19:

- ⊙ R&D Centre, IndianOil has been conferred “Innovator of the year-2017” award by Federation of Indian Petroleum Industries (FIPI) for successful commercialization of Octamax Technology for production of very high octane gasoline from cracked C4 streams.
- ⊙ Octamax Technology also won the Innovation award for best indigenously developed technology team at 23rd Refining & Petrochemicals Technology Meet.
- ⊙ Petrotech-2019 Special Technical Award for “Greening of the Oil and Gas Business and Sustainability” was jointly bestowed on Indian Oil Corporation Limited and Engineers India Limited for BS-VI DHDT project at Haldia Refinery, employing R&D developed inde Diesel® technology.

International Seminars & Publications during 2018-19:

- Presentations in Conferences / Seminars etc : 24
- Publications in Journals : 42

Academia Interaction and Collaboration –

- IOC R&D is collaborating with various Indian and Foreign Universities like IIT Delhi, Deakin University (Australia), Simon Fraser University (Canada) etc for pursuing M.Tech and PhD programmes across each other and to carry out collaborative research in the field of Bio-energy, Nanotechnology, and Polymers etc. IOCL R&D is also working for production of solar fuels and electricity through concentrated solar thermal route and development of solar thermal storage materials.
- Presently under joint academia collaboration, 16 no PhDs are being pursued.

Startup Scheme – Driving Innovation

- Indian Oil has launched the start-up scheme with emphasis to promote promising start-ups and nurture an eco-system conducive for innovations in the domestic hydrocarbons sector. The scheme supports projects that aim to establish innovative technology and business process re-engineering ideas with significant business potential, social relevance and focused on environment-protection.
- A total of 11 projects are onboarded in 2018-19 and being mentored by IOCL R&D. (Particulate mass reduction, Fuel Cell, Agri waste to fuel, Eco-toilets, advanced GPS locking, Smart fuel mgt kiosks, etc).
- In subsequent round another 13 new projects have been identified making the total such projects to 24 as on date.
- **Notional Revenue generated by R&D in 2018-19 (Rs Crore):**

Area/ Service	2018-19
Lubricants (@ 5% royalty on total lube sale revenue)	403
Refinery, Pipelines & Petrochemicals	88.7
Product Quality Services	6.4
Total	498

4.3.1.2. INDUSTRIAL & CONSUMER GOODS

Security Printing and Minting Corporation of India Limited (SPMCIL)

SPMCIL has successfully completed following R&D Projects during the year 2018-19:

- **Characterization of security paper mill effluent and assessment of its impact on soil properties**

Security Paper Mill (a unit of SPMCIL) had entrusted Jawaharlal Nehru Krishi Vishwa Vidyalaya (JNKVV), Jabalpur (M.P.) to carry out a detailed study on characterization of SPM's effluent and its impact on soil properties for agricultural purposes. Accordingly, JNKVV conducted a thorough study and submitted the study report which has already been submitted vide SPM letter No. 14(20/A)/Link/SPM/QA dated 25/08/2018. As per the said report, SPM's effluent has no detrimental effect neither on Narmada River water nor on the soil of farming fields. Studies showed that chemical properties (pH, EC, RSC and chloride content) of SPM effluent at progressive distance from exit point were under permissible limit given by Bureau of Indian Standard (BIS), 2010 for drinking water.

- **Design, selection and implementation of Oil Cooler for Hydraulic System of blanking press**

India Government Mint Hyderabad has successfully completed the major project to control the oil temperature below 500C so as to avoid machine errors and production loss due to increased oil temperature resulting into stoppage of machine for 2 to 4 hrs and leading to production loss which resulted in increasing blanking line productivity.

- **Security Paper Mill, Hoshangabad**

Technical specification for Zero Liquid Discharge (ZLD) state-of-the-art System with Pre-Treatment, Ultra-Filtration and 2-Stage Reverse Osmosis (RO) Plant is framed without hiring any external consultant. Each unit of RO plant will be designed for a total recovery of 85% in 2-stages i.e. 70% in 1st stage and 50% in 2nd stage. The 15% final reject water generated from each phase will be utilized for plantation of 200 coconut and 3000 fruit-bearing trees. The project will be completed phase-wise with the installation of one R.O. plant of 1500 KLD

in each phase totaling 4500 KLD capacity. With the complete installation of this plant intake of fresh water from river Narmada will be reduced to approx. 50%.

- **India Government Mint Hyderabad**

Quality of the coin in term of perfect coin feature, luster and durability etc. by applying TiCrN special PVD surface coating. The life achieved of PVD coated die is 7.5 lacs which is almost double as compared to non-coated die life 3-4 lacs. The coin minted from PVD coated dies has excellent surface finish.

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

- Coating Formulations for Post Printing Treatment for Anti-Soiling Currency Notes at Corporate R&D Centre, Nashik.
- Exploration of Banana fiber for making currency/ security paper at Security Paper Mill, Hoshangabad.
- Study on effect of different types of PVD coatings on the life and quality of the Minting dies and tools at India Government Mint, Hyderabad.

4.3.1.3. CHEMICALS & PHARMACEUTICALS

HIL (India) Limited

HIL (India) Limited has successfully completed following R&D Projects during the year 2018-19:

- Tackled process-related problems at Units to improve the purity of Mancozeb.
- Developed a new cost-effective recipe for formulation of Monocrotophos.

Major ongoing R&D Projects of HIL (India) Limited is as under:

- HIL in association with the Institute of Chemical Technology, Mumbai (ICT) is developing a Chemical alternative to DDT. ICT after detailed R&D started the synthesis of the new molecule. They have developed a lab sample after series of R&D studies 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 and Pilot Scale studies have been initiated.
- Assist manufacturing units in Plant Trials for commercial scale implementation of Technologies developed by in-house R&D at Laboratory and Pilot Plant Levels.
- R&D helps in perfecting the technology of newly commissioned plants and helps in achieving the quality and capacity of the plants.
- R&D continuously monitors the process activities of the plants and suggests improvements in the raw material efficiency, reduction in process duration etc.

Highlights of other R&D achievements

The following technical products introduced in HIL during 2018-19

- Pendimethalin.

4.3.1.4. POWER GENERATION

A. NHPC Limited

Major ongoing R&D projects of NHPC Limited during 2018-19 are as under:

Sl.No	Project Description
1	Remote sensing based sedimentation studies for Teesta-IV HE Project .
2	Study for Evaluation of abrasion resistance of repair mortars complying with specifications as per EN1504-3 (R4) .
3	Hydraulic studies including studies related to cavitation in high head spillway by computational fluid dynamics (CFD) software FLOW3D for Subansiri Lower HE Project.
4	Monitoring hydro abrasive erosion, and suspended sediment for optimal operation of Hydro Power Plant .
5	Cost Benefit Analysis of HVAF vs HVOF coating .
6	Introduction of Drone Technology / Operations in the project execution / implementation systems being followed by NHPC Ltd.
7	Minor Oil leakage repair of Generator Transformer.
8	Supply, Installation, Testing and commissioning of online cavitation monitoring system for Teesta-V Power Station .

B. SJVN Limited

SJVN Limited has successfully completed following R&D Projects during the year 2018-19

- Formulation of strategic plan for Silt management of Satluj river catchment area.
- Installation of centrally controlled Remote hooter operation cum advance warning system for the safety of people from sudden release of water from NJHPS Dam.
- Use of improved design bearing pads in TGB to improve operational parameter of machine in NJHPS.
- Supply, Installation, Modification, Testing & Commissioning of Independent Water makeup Expansion Tank for Secondary Cooling Water Circuit at NJHPS.
- Installation & Commissioning of paperless QR/ BARCODE based software and hardware system for tracking of entry & exit of men and vehicles at Dam site, BTRDT, SFT, GVG at Nathpa.
- Reduction in APM days (<50 Machine days) of Rampur HEP.
- MIV's & BFV's pipeline modification for forced closing in unbalance condition in RHPS.

Major Ongoing R&D Project of SJVN Limited

Constitution of "SJVN Chair" for R&D Works in the area of Hydro Power Developments at IIT, Mandi is under process. Further, SJVN has also undertaken following additional R&D / Innovative studies for Overall Development and System Improvement: -

- Development of Spares for Cooling Water Pumps through reverse engineering for Rampur hydro Power Station.
- Retrofitting of Pilot Operated Pneumatic Valve of Brake & Jack system for Rampur Hydro Power Station.

Highlights of other achievements

Some of major R&D initiative in the area of Hydro Turbine and other related equipment along with their benefits are noted herein:

- In order to meet the challenges of erosion in underwater part of turbine due to high silt in Himalayan river Satluj, We have experimented with various hard coating process like HVOF coating, Plasma nitriding, Soft coating etc. In this field, HVOF coating on the underwater parts have shown excellent results which have improved the operational efficiency, life, performance &

reliability of turbine. This has led to remarkable improvement in generation as well as availability of turbines.

- SJVN established own hard coating facility at 6x250 MW Nathpa Jhakri Hydro Power Station. SJVN is only CPSU to establish such a facility for hard coating of turbine components for its project. Seeing its utility and importance, another workshop is also being set up at the same project.
- In situ repair or eroded turbine component rather than conventional method, indigenization of generator / turbine component, innovative approach for spare management & repair procedures have led to reduction in annual maintenance time from 40-50 machine days to 7 days per machine.

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

Research and Development Initiatives undertaken by NEEPCO during the year 2018-19:

Modalities for “*Design of an automatic Communication system through cloud computing using sensor based automated input for efficient operation of Ranganadi HEP with due emphasis on downstream concerns up to confluence with Subansiri river*” is being finalized with IIT, Guwahati. The R&D project is season dependent and shall continue till 2021-22. Based on the joint discussion and interaction between NEEPCO & IIT, Guwahati, phase wise activities are being framed by the IIT, Guwahati.

4.3.1.5. OTHER MINERALS & METALS

A. National Aluminium Company Limited

National Aluminium Company Limited (NALCO) has successfully completed the following major In-house and Collaborative R&D projects during 2018-19:

- Project of Smelter Plant, “Improvement of oxidation behavior of anodes” implemented in both GAPs of carbon plant, Smelter plant.

Benefits:

- Improvement in anode quality
- Reduction in carbon consumption
- Better pot performance

- Project of Smelter Plant “Improvement of Billet Quality through addition of Strontium” has been implemented after introduction of new product CH91 in Nalco’ product list based on the R&D Project which will fetch higher margin.

Benefits:

- 10 to 20 % increase in extrusion speed for Extruders.
- Increase in metal recovery and increase in Die life
- The new product CH91 will give better price appreciation.

- Project of Alumina Refinery Plant, “Replacement of wheat bran flocculent by synthetic flocculants” implemented in all three streams of plant.

Benefits:

- Achievement of desired settling rate to achieve higher feed.
- Higher mud compaction to reduce caustic soda consumption in physical form.
- Lower material cost, lower energy cost, lower O & M cost.
- Substitution of wheat bran, a cattle feed by synthetic flocculent.

- Collaborative project with NIT Rourkela “Embedded system for compressed air consumption in smelter plant” implemented

Benefits:

- Real-time online monitoring of compressed air pressure and temperature at four strategic locations of Smelter plant through internet.
- Reduction in compressed air consumption thereby saving of energy.

- Collaborative project with KIIT, Bhubaneswar on “Fabrication and Commercialization of a highly porous pervious concrete material from fly ash” implemented.

Benefits:

- Developed pervious concrete using fly-ash, which is highly porous, has good strength & is non-leachable.
- The developed fly-ash pervious concrete can be utilized for ground water recharging and pavement application.

- Estimated cost of production of pervious concrete is less as compared to conventional concrete.

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.
- 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.
- Development of ceramic proppant from low grade material (PLK, Fly ash):Scale up study in collaboration with JNARDDC, Nagpur.
- Development, manufacture and supply of core catcher sacrificial bricks for Indian thermal nuclear power plants with BARC, Mumbai
- Development of electronic material for device fabrication using Nalco red mud with SOA university, Bhubaneswar.
- Development of WIFI enabled sensor arrangements for online measurement of anode current distribution with JNARDDC, Nagpur.
- Development of AP2XN Technology for electrolytic pot at Smelter plant in collaboration with RTA, France.

Highlights of other R&D achievements of NALCO

- One patent application “Powder sintering process for enhancement of thermal conductivity of aluminium by incorporating graphene” was filed based on the Collaborative project findings.
- One patent applications “Controlled heat treatment process for destruction of leachable toxic cyanide in first cut aluminium spent pot lining material”, filed earlier have been granted and during the year 2018-19.
- SysCAD software has been installed in Alumina Refinery plant which helps in various modelling studies for our Alumina Refinery plant.
- MoU signed with M/s Eesavyasa Technology Pvt Ltd (ETPL) on 5th April 2018 for sharing of royalty of the de-flouridization plant based on Emrion Nano-technology.
- Laboratory section of Nalco Research & Technology Centre (NRTC) has started functioning during this financial year with commissioning of major lab equipments including Thermo Gravimetric Analyzer, XRD, UV Spectrometer, QEMSCAN etc. Testing of a numbers of samples of coal, bauxite, tepid ramming paste, as required by the Smelter and Refinery Plants has been done at the centre.
- In-house R&D unit of Smelter & Power (S&P) Complex and Mines & Refinery (M&R) were re-certified Department of Scientific & Industrial Research (DSIR), Govt of India till March’2021.
- Four numbers of technical papers presented/ published in national/international conferences.

B. Hindustan Copper Limited

Major Research & Development Initiatives taken by Hindustan Copper Limited during the year 2018-19:

- R&D work has been taken up in association with CDE Asia Limited, Kolkata to explore the possibility of recovery of industrial grade silica sand (glass grade/ foundry grade) from copper ore tailings of Malanjkhand Copper Project. Preliminary benchmark scale test work has been carried out which shows that product with 95% SiO₂ could be produced from tailings with 83%

silica. Copper ore tailings are the waste generated during copper ore beneficiation process.

2. Improvement in recovery of Copper from ESP dust:
 - In FY 2018-19, collaborative R&D with NFTDC, Hyderabad has been taken up for improvement in recovery of copper from ESP dust and other parameters involved in the processing.
 - ICC R&D has carried out and established an experiment for extraction and recovery of Copper metal from ESP dust by Leaching and electro wining. When leaching activity of ESP dust carried out with sulphuric acid at a temperature of 90-95 degree resulting impure copper solution which upon electrolysis pure copper cathode is being produced resulting enhance of production, contributing savings in time, cost and less inventory.
 - Currently recovery of copper from ESP dust by utilizing current idle infrastructure is under progress. ICC have successfully produced 13.0 MT of NON-LME copper Cathode through this project.

C. Uranium Corporation of India Limited

Major R & D activities successfully completed during the year 2018-19:

A breakthrough in uranium extraction at Tummalapalle in alkali leaching conditions has been achieved through in-house research. It was found that generation of excess sodium bicarbonate during alkali pressure leaching is retarding uranium precipitation. By adding a small quantity of sodium hydroxide, conversion of excess sodium bicarbonate in recycle liquor to required sodium carbonate has been achieved.

Benefits derived as a result of the above R & D work:

Implementation of the above has helped in increasing overall extraction (about 4%) and substantially reducing the consumption of Sodium Carbonate at Tummalapalle plant. It has a considerable effect on reduction in cost of extraction leading to potential saving of about Rs. 30 Cr per annum.

4.3.1.6. STEEL

A. Steel Authority of India Limited (SAIL)

SAIL successfully completed the following R&D projects during the year 2018-19 and its benefits/achievements/savings:

Process Area- Waste heat recovery from sinter cooler for hot water generation at SP #3, Qualifying criteria test of rails as per Indian and European specification, Investigation of UT failed rails Implementation of computerized heating control model system (COHC) in COB#5, Performance improvement of SP #2 through innovative techniques, Optimisation of raw materials to achieve better productivity and sinter quality in DSP conditions, Control of bulging in Strands of Bloom Caster, Improvement in Gas Utilization of BF#5, Investigation and characterization of Longitudinal Midface Cracks (LC) in slabs from caster #3 SMS-II, Use of high performance bearings for increased availability of slab caster #2 at SMS, Infrared thermal imaging of BF Stoves, Feasibility study of BOF slag by steam maturing for its use in cement concrete , Reduction in heat loss through hard facing and refractory lining copper tuyeres in BF#5, Introduction of mould coating in caster for improving mould life, Introduction of edger lubrication in Roughing Mills of HSM, Improvement in hot strength of coke, Assessing Alkali Load of BF #5 using Flame Photometer, Enhancement of coke strength by optimization of operating parameters of COB # 10, Development of suitable quality refractory for improvement of refractory lining performance of VAD ladle cover, Development of methodology for estimation of 'free CaO' in steelmaking slag & a method to evaluate flux reactivity, Wear characterization of various grades of rail steel developed by SAIL, Study on influence of hydrogen content on embrittlement and slow strain rate tensile (SSRT) behaviour of 90 UTS pearlitic rail, Feasibility study for Beneficiation & pelletization of samples from Mahamaya iron ore Mines, Chromium in BOF slag: Identification of its source and strategies to recycle it as soil conditioner

Product Area

Sl.No.	Product	Plant	Benefits Derived
1	JIS G3141 SPCC 0.7 & 2 mm	BSL	JIS G3141 SPCC grade Cold rolled & annealed coils find application in automobiles and electrical appliances segment. At BSL, 19 numbers of coils of this grade were processed into cold rolled and annealed coils of size 0.7-2.9 mm (t) x 900-1215 mm (w) About 140.78 T material dispatched to M/s.Sonic Steel Industries (Pvt) Ltd, Srilanka & Balmer Lawrie (UAE) LLC, Dubai .
2	EN10025 275JR & IS2062 E410C	BSL	This is European standard for hot-rolled non-alloy structural steel. CE Re-Certification taken by BSL to capture European Market. 28 number of EN 10025 275JR Grade slabs were rolled into 2-4 mm x 1250 mm size HR coils & processed at HRCF, BSL and about 490 tons dispatched as HR Sheet
3	IS 2062 E350C steel Plates with higher impact strength & finer grain size	RSP	These plates are required with higher Impact Strength and finer grain size (ASTM 8 or finer) for construction of Bridges. Requirement of KRCL for construction of bridges has been met successfully.
4	UT sound 100 mm thick Plate in IS 2062 E250BR	RSP	Ultrasonically sound plates of 100 mm thickness conforming to IS2062 E250 BR successfully developed at RSP. Heats were made with lower Sulphur level and extensive degassing through RHOB. The plates were tested against the stringent norm of ASTM A578 Level B and were found to be ultrasonically sound. About 660 T of these plates have been dispatched to M/s Darukhana Steel Pvt Ltd, Mumbai
5	Thicker Normalized BQ Plates - IS 2002 Gr.2 (63/70/110mm)	RSP	Boiler quality plates (0.18C-1.12Mn-0.027P-0.018S-0.25Si-0.011Al) were rolled into 63, 70 and 110 mm plates. These were normalized in the new heat treatment line of SPP of RSP. A total of 325 T of these plates in the thickness of 63, 70 and 110 mm was dispatched to M/s BHEL conforming to IS 2002 Grade 2.
6	Q&T ASTM A 517 Gr. F Plate 32 & 40 mm thick), ASTM A 537 Cl. 2 40 mm thick plate	RSP	Process technology established for ASTM 517 Grade F Q&T plates of 32 and 40 mm thickness for use in pressure vessels and penstocks and 40 mm thick plates of ASTM 537 Class 2 Grade for use in boilers and pressure vessels. The specified properties of ASTM 517 Grade F (YS : 825-850 MPa, UTS : 882-891 MPa, %El : 20-21, CIE (J) : 64-78 at -20oC) & ASTM 537 Class 2 Grade (YS : 444-491 MPa, UTS : 581 -606 MPa, %El : 26, CIE (J) : 30-42 at -20oC) have been achieved in the processed plates.

7	ERW Pipes in ASTM A53 Gr B	RSP	ASTM A53 Gr B ERW Pipes are used for ash/water handling. This was an export requirement. RSP has fulfilled the order and supplied material to Bhusan tubes for coating and onward export to Vietnam.
8	High Strength Q&T Plates in EN 10025-6 S690 QL	RSP	Product developed. 159t dispatched to PEDVAK Technologies Pvt. Ltd., Hyderabad for applications in EOT cranes.
9	2p Quenched & Tempered steel Plate	RSP	50 T heat was made at ASP through VAD-CC route. Slabs were rolled into 5 mm plates using Steckel Mill of SSP. Heat treatment was carried out at SPP, RSP using parameter arrived at on the basis of simulation studies carried out at RDCIS. Processed plates met the specified properties of GOST: B21967-76. 24T of 2p grade plates were sent to Ordinance Factory Medak, where the performance in the ballistic test conducted with distance of 50 meters was found to be satisfactory. Material is certified as acceptable.
10	IS 1786 Fe550 D TMT rebars 25/32 mm	BSP	Trials for IS 1786 Fe550D grade TMT Rebars were undertaken in 25 mm and 32 mm dia at BSP, Bhilai. Total 7 heats were rolled into 32 mm dia TMT Rebars and 6 heats were rolled into 25 mm dia TMT Rebars. Properties of trial processed TMT Rebars met the specification of IS 1786 Fe550D grade. A total of 1553 T comprising 742 T of 25 mm dia TMT Rebars and 811 T of 32 mm dia TMT Rebars of IS 1786 Fe550D grade have been dispatched to M/s L&T for constructing Convention Centre at Dwarka, Delhi.
11	Channel 100 IS 2062 E350 BR	BSP	180 Ton of Channel 100 IS 2062 E350 BR grade has been supplied.
12	56 mm Plates with enhanced impact properties (54 joules at -20°C), JIS 3106 SM 570 upto 16 mm Normalised Steel Plates	BSP	Process technology developed for 56 mm Plates with enhanced impact properties (54 joules at -20°C). After satisfactory performance of 50 T trial order, fresh order for 1400 T has been received. Trial heats were made with variations of Nb, Ti, & V. Tensile and Charpy Impact properties in 12.5 mm plates met the requirement of the specification and same grade has been developed up to 16mm.
13	IS 2062 E 250 B0 (Si-K) Angle (Section : 75 x 75 x 8 mm & 75 x 75 x 10 mm)	BSP	Two heats of 500 T of IS 2062 E 250B0 (SK) grade were made. 345 T billets were processed into Angles of sections 75x75x10 mm and 75x75x8 mm in Merchant Mill. Angles of 75x75x10 & 75x75x8 mm size met specified properties of grade IS 2062 E250B0.
14	IS 1786 Fe550 D Grade Rebars in 12 / 16 / 20 mm dia & Fe-500D Grade 8 & 10 mm dia	ISP	Trials for IS 1786 Fe550D grade TMT rebars were undertaken in 12, 16 & 20 mm dia at ISP, Burnpur. Properties of trial processed TMT rebars in 12, 16 &

	TMT Wire Rod using C-20 (lower CE) Billets		20 mm dia met the specification of IS 1786 Fe550D grade. A total of 5125 T comprising 1238 T of 12 mm dia, 2742 T of 16 mm dia and 1145 T of 20 mm dia have been dispatched. Fe-500D Grade 8 & 10 mm dia TMT Wire Rod with leaner chemistry (lower CE) and unique processing conditions have been successfully developed.
15	SUP 11A Grade Billets	ISP	EMS operating parameters for SUP 11A grade stabilized. Eight number of heats have been made
16	High Strength IPE600 Structural without Micro-alloying	ISP	ISP is regularly producing high strength IPE600 structural using 0.040-0.050% Vanadium and 1.40-1.50% Manganese. Feasibility of producing high strength IPE600 structurals without microalloying was explored. Trial was undertaken using Vanadium free IS 2062 E250 grade beam blanks for producing high strength structurals. Besides the modified leaner (1.10% Mn) non-micro-alloyed (i.e. V free) steel chemistry, special thermal regime and draft schedules were tried during the trial processing. Properties achieved are significantly higher than that of usual IS 2062 E250 grade IPE600 Structurals.
17	IS 2062E250 BR NPB200 & MB300 Structurals	DSP	Process technology developed for IS 2062E250 BR NPB200 & MB300 Structurals at MSM, DSP. 20,070 T of IS 2062E250 BR NPB200 and 12,371 T of MB300 Structurals have been dispatched.
18	20/25 mm IS 1786 550 D TMT Bars	DSP	Development of IS 1786 Fe500D grade TMT rebars in 20 and 25 mm dia was undertaken by DSP. 1197 T of 20 mm dia and 592 T of 25 mm dia TMT were processed. Properties for all the processed TMT rebars met the specifications of IS1786 Fe500D grade. The processed TMT Rebars have been supplied to M/s L&T and BSO Delhi stock yard. Total supplied quantity of this grade is 1634 T which includes 1078 T and 556 T of IS 1786 Fe550D TMT rebars of 20 mm dia and 25 mm dia respectively.
19	Al killed JIS 3101 SS540 (RC-2) Gr. CC Blooms of 230x160, 300x150 & 350x240 mm size for high strength structurals	DSP	3160 T of Al killed JIS 3101 SS540 (RC-2) Gr. CC Blooms of 230x160, 300x150 & 350x240 mm size supplied to M/s Skipper Ltd.
20	IS 2062 E250 BR MB250 & NPB250 Structurals	DSP	Process technology developed for IS 2062 E250 BR MB250 & NPB250 Structurals at MSM, DSP. 11,267 T of IS 2062 E250 BR MB250 and 13,867 T of NPB250 Structurals have been dispatched.

Major ongoing R&D projects of SAIL during 2018-19

Sl. No.	PROJECT TITLE	Plant/ Unit
1.	Introduction of Co-injection of Calcined Dolomite with Pulverised Coal to improve performance of BF # 1 & 5	BSP
2.	Reduction in electrode consumption at LF #1, SMS II	BSP
3.	Design of automation system for roll gap control in leveller 1 & 2 and slab positioning in front of RHF in Plate Mill	BSP
4.	Design and development of post weld controlled cooling facility and establishing welding and heat treatment parameters for alloyed rails at flash butt welding plant	BSP
5.	Design and implementation of automation system for equipment of Charging area and Loopers of Strand A of WRM	BSP
6.	Introduction of precast block & modified burner along with roof with developed Castable at SP#2	DSP
7.	Reduction of BOF lance jamming at SMS	DSP
8.	Effect of forging, rolling and heat treatment parameters on mechanical properties of wheel	DSP
9.	Development and supply of LHB wheels as per Indian Railway Requirement	DSP
10.	Improvement in M10 Index of coke by 0.5 for COB#4-5	RSP
11.	Implementation of Computerized Heating Control (COHC) model at COB #3	RSP
12.	Development of an automatic lime dosing control system by on-line analysis of basicity of sinter raw mix in SP#3	RSP
13.	Application of Mag-Al Spinel refractory in steel ladle for making of Ultra Low Carbon (ULC) steel through RH-OB at SMS-2	RSP
14.	Improvement in thermal profile of work roll in old Plate Mill	RSP
15.	Model based process optimization of New Plate Mill	RSP
16.	Assessment of bio-sequestration potential and carbon-sequestration through afforestation	RSP
17.	Improvement in screening efficiency of lump ore screen at RMHP	BSL
18.	Design and development of an online de-clogging system for pre-scrubber of Gas Cleaning plant (GCP) at BF#2	BSL
19.	Performance improvement of roll grinding machine #2 of RGBS #1, CRM	BSL
20.	Automation & drive system for Sheet Shearing Line-III and Slitting Line-II at CRM	BSL
21.	Emulsion flow control system in stand #1-4 of Tandem Mill #1, CRM	BSL
22.	Improvement in strip steering, squeezing and rinsing systems in Pickling Line-2, CRM	BSL
23.	Development of high strength cold rolled grades for automotive segment through CRM #3	BSL
24.	Development of Ship Building Quality (SBQ) grades	BSL
25.	Improvement in Sinter Plant productivity by 16% from current level : 1.15 t/m ² /hr	ISP
26.	Pilot studies for control of cyanide in effluent of Blast Furnace Gas Cleaning Plant	ISP
27.	Modification of mould filling strategy in Beam Blank Caster	ISP

28.	Life enhancement of refractory arch of lime-dolo kiln	ISP
29.	Development of Fe 500S grade TMT coils at Wire Rod Mill and stabilisation of production of Fe 500STMT rebars at Bar Mill	ISP
30.	Evaluation of new imported coking coals through pilot carbonization tests	RDCIS
31.	Study of the fissure formation phenomenon during carbonization process and enhancement of BF grade coke mean size from the coals used in SAIL plants	RDCIS
32.	Investigation on the production of high-quality Iron ore pellets	RDCIS
33.	Wealth out of Waste (WOW)-Utilization of solid waste through sintering	RDCIS
34.	Simulation of mixed-gas fired flat-flame burner	RDCIS
35.	Study of major factors effecting quality of iron ore sinter and develop ways to improve it in context of SAIL operation	RDCIS
36.	Fluid flow analysis for drainage of metal and minimization of skull formation in a slab caster tundish	RDCIS
37.	Development of MgAl ₂ O ₄ solid solution layer on MgO grains through addition of nano ceramic components for application as superior refractory materials	RDCIS
38.	Understanding precipitation behaviour and microstructural evolution at different stages of processing of CRGO steel	RDCIS
39.	Study on the high cycle fatigue (HCF) behaviour of structural steels	RDCIS
40.	Performance evaluation of the fire resistance steel under simulated fire condition	RDCIS
41.	Development of system for real time sensing of poisonous gases, GHG emissions & Industrial surveillances for Steel & Mining Industry	RDCIS

Highlights of other R&D achievements

Papers Publication (Nos.)	80
Papers Presentation (Nos.)	95
Patents Filed (Nos.)	20
Copyrights Filed (Nos.)	18
Technology Awareness Programmes (Nos.)	6

Awards & Recognitions

- 56th National Metallurgist Day Celebration of Indian Institute of Metals:
 - o Metallurgist of the year Award (Ferrous)

Other Awards

- 72nd Annual Technical Meeting and 56th National Metallurgist Day Celebration of Indian Institute of Metals:
 - o IIM OP Jindal Gold Medal Award

- o Best Prize on Oral Presentation (Ferrous)
- o Best Prize in Poster Presentation (Product)
- o Best Prize in Poster Presentation (Process)
- o Best Prize in Metallography (Optical Microscopy)
- Indranil Award for Metallurgy, 2017-18
- Meritorious Award in Corrosion Science & Engineering
- Indian Engineering Congress 2018
 - o M Visvesvaraya Award
 - o SAIL Award

Collaborations:

MOUs have been signed with:

- o R & D, Indian Oil, Faridabad
- o R & D Centre RINL-Vizag Steel Plant, Visakhapatnam
- o R & D Centre, NMDC, Hyderabad.

B. Rashtriya Ispat Nigam Limited

Major R&D projects successfully completed during the year 2018-19 and its benefits are given below:

Sl. No.	Project	Benefits/ achievements/ savings
1	Feasibility study on Utilization of fly ash pellets as Ladle & Tundish covering compound	Cost reduction through waste utilization, reduced environmental pollution and valorization of fly ash, a solid industrial waste
2	Development of thermo-mechanically treated bars having improved seismic and corrosion resistance	High NSR, Captured better market share by supplying IS 1786 - Fe500S TMT bars

Major ongoing R&D projects of Rashtriya Ispat Nigam Limited during the year 2018-19 are given below:

- Development of boron and CO2 steel grades at VSP
- Feasibility study on usage of ladle furnace slag as a replacement to synthetic slag
- Usage of Alumina-Magnesia Spinel Bricks for Steel Ladle Lining to enhance the Steel Ladle lining Life in SMS-1
- Improvement in control of charging emissions in Coke Oven Battery 4
- To study the effect of oversize (+ 10 mm) in iron ore fines on sintering
- Feasibility study on usage of Mill Scale Briquettes as Coolant in place of Steel Scrap in LD converters
- A Study on improving manufacture of Tap hole clay and its performance at RINL.
- Feasibility studies on weathering of steel slag.

Highlights of other R&D achievements during the year 2018-19 are given below:

- Publications of two technical papers in international journals
- Presented two technical papers and four posters in national and international conferences.
- Arranged four technical talks by eminent personalities in the field of Iron & Steel
- Organized two national seminars and two workshops

C. Mishra Dhatu Nigam Ltd (MIDHANI)

MIDHANI successfully completed the following R&D projects during 2018-19:

- Design & Development of Automatic billet grinding machine
- Indigenisation of various grades of steels (25X17H2B, 18X13H3, 07X16H4b, MDN 430M) for light water reactor of nuclear submarines

Benefits: 4 Cr turnover was obtained from the development of above-mentioned new alloy grades & also these alloy has potential to QCL new orders.

- Development of Wear Resistant Coal Burner Tip (NTPC)

Benefits: The newly developed material showed improved performance.

- Indigenisation of special steel 08X14H7M for space applications (LPSC)

Benefits: This alloy will be used in space applications and is now under commercial production. 29 L worth material was despatched during the year 2018-19.

- Developed Superni 625 HP casing casting for Advanced Ultra Super Critical applications (BHEL)

Benefits: Around 7.5 Cr order could be despatched due to this development

- Development of test procedure for fracture toughness measurement of maraging steel (MDN 350)

Benefits: Around 80 Cr. worth material of MDN 350 could be despatched due to the above-mentioned development.

- Development of cost-effective melting process route for Superni 625 for oil and gas sector

Benefits: Low cost manufacturing route for Superni 625 was developed.

- Development of technology for making Ferrotitanium from scrap

Benefits: Sales of around 4.8 Cr was made from the above-mentioned development.

- Development and type approval of special alloys for naval applications

Benefits: This alloy finds applications in various fields and Midhani has indigenised this alloy for naval applications. Around 30 Cr worth material was despatched due to this development.

Major ongoing R&D projects of MIDHANI in 2018-19

- o Development of EP 868 stainless steel
- o Development of dies for isothermal forging
- o NiCr18Co15TiMoAl alloy triple melted forged bars
- o Development of tungsten containing maraging steel
- o Development of process methodologies for manufacture of large size super alloy (MDN617M) components
- o Development of stainless maraging steel alloy 465
- o Development of HNS armour steel
- o Development of Superni742 (EP742-BD) forged machined disc
- o Development of Superni115 (Nimonic 115) blade for adour engine
- o Development of erosion resistant coal burner impeller
- o In house development of Ti-6Al-4V hemispherical forgings for LPSC
- o Process optimization for manufacturing ring rolled components for high temperature

- o Development of Superni750 MW plates, sheets and bars
- o Improvement of VIM furnace refractory lining life
- o Development of body bomb casting
- o Development of Ti casting
- o Development of high nitrogen austenitic stainless steel MDN 209

Highlights of other R&D achievements during the year 2018-19 are given below:

- Midhani is actively involved in implementing artificial intelligence for alloy development and process optimization.
- A one-day workshop on Artificial Intelligence by industrial experts and academicians was organized by Midhani.
- 50 IPR (30 Trademarks and 20 copyrights) have been filed. 380 employees were trained for IPR awareness.

4.3.1.7. FERTILIZER

A. National Fertilizers Limited (NFL)

NFL has successfully completed the following R&D projects during 2018-19:

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

Major ongoing R&D projects of National Fertilizers Limited:

Sponsoring Pilot Study For “Cow Dung Processing and its Conversion to Bio-Fortified Fertilizer with Enhanced Functionality”: NFL sponsored NDRI, Bengaluru (National Dairy Research Institute) for a Pilot Study for “Cow Dung Processing and its Conversion to Bio-Fortified Fertilizer with Enhanced Functionality”.

ICAR-National dairy Research institute (NDRI), Southern Regional Station, Bengaluru, vide its letter dated 21-03-2018 submitted a research project proposal titled “Cow dung processing and its conversion to bio- fortified fertilizer with enhanced functionality: A pilot study” to NFL with budget requirement of

`129.74 Lakh over a period of three years. Pilot study will evaluate conversion & bio-fortification of cow dung for production of quality bio-fertilizer and optimize conversion process of bio-fertiliser to a suitable form for longer storage and distribution. Agreement for the subject R&D work was signed between NFL and NDRI in the month of September 2018.

The benefits envisaged from this pilot study includes (a) Bio-fertilizer with enhanced nutrient quality as an alternative to chemical fertilizer (b) The Biological manure shall help rejuvenate the soil health (c) Collateral benefits in the form of Environmental protection, savings on subsidy and sustainable agriculture (d) Dairy farmers to get better value for animal by-product thereby augmenting their income.

B. Fertilizers and Chemicals Travancore Limited (FACT)

FACT successfully completed the following R&D projects during 2018-19:

Development and Production of Phosphate Rich Organic Manure (PROM) FACT developed a new product PROM and the product was launched on 09.11.2018. The product was developed and marketed in time to achieve MoU excellent target.

Benefits & Achievements: Soil productivity depend on various factors such as C/N ratio, porosity, aeration, soil bacterial population, water holding property, pH, etc., PROM is an ideal product which will considerably enhance above properties in addition to phosphate enrichment and cationexchange property of the soils. Major Ongoing R&D projects of FACT :

- Low grade Rock Phosphate characterization work for Phosphoric acid production:
Presently, rock phosphate with phosphate content of around 30- 32 % P₂O₅ is used in the production of phosphoric acid. Lab scale Studies are being undertaken for partially replacing high grade rocks used in phosphoric manufacturing units with low grade Indian rock phosphate.
- Bench scale studies on development of Bio enriched Organic manure conforming to FCO specification: Based on the encouraging results from the feasibility studies on using microbial inoculum in developing

a Bio –enriched organic manure, a novel product meeting the FCO specification, a bench scale preparation of the product is under progress. Optimisation of various parameters pertaining to the product specification as FCO 1985 would be undertaken.

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

4.3.1.8. HEAVY ENGINEERING MEDIUM AND LIGHT ENGINEERING

A. Bharat Heavy Electricals Limited (BHEL)

Bharat Heavy Electricals Limited (BHEL) successfully completed following R&D projects during the year 2018-19

- First time in India, BHEL has successfully developed IGBT based Regeneration System through in-house R&D efforts, for Indian Railways' fleet of WAG7 electric locomotives having DC propulsion system. This IGBT based regenerative braking system will recover the energy from motors and feed to 25 kV AC overhead Catenary. The system will lead to **recovery of approx. 15 % of energy consumed during motoring.**
- BHEL has designed, manufactured and commissioned largest rating (116 MW each) vertical pump-motor sets along with associated auxiliaries for 7 x 116 MW Kaleshwaram Lift Irrigation Scheme. In the project, **water lifted from SripadaYellampalli reservoir and fed to Medaram reservoir for use in irrigation and water supply in nearby areas.**
- Indigenously designed, developed & manufactured low noise, compact 3.5 MW 430

V, 50 Hz Turbo Alternator with water cooled stator winding, which has been successfully tested for mechanical run test, Short Circuit Characteristic and Open Circuit Characteristic test. **The equipment is developed for strategic applications.**

- Designed, developed, manufactured and successfully tested compact 1095 kW Traction Alternator for 1600 HP DEMU application. The alternator is sturdy, **lightweight & tubular frame construction for trouble free operation and enhanced service life.**
- First time in India, designed, developed and manufactured Super Heater Safety Valve for Advanced Ultra Supercritical (AUSC) application. The assembly and functional testing of safety valve was completed successfully.
- BHEL has developed Alloy 625M turbine casings (Lower Half & Upper half). The Lower half casing is the world's heaviest casting for Alloy 625 poured for any application (poured weight approx. 50 T). BHEL has proved its technical prowess for supply of quality Inconel castings for AUSC applications.
- Fire Side Corrosion Test Rig (FSCTR) has been successfully commissioned at NTPC Dadri thermal Power plant. **The facility will be in continuous operation for three years and generate technical data for evaluation of fire side corrosion & steam side oxidation of Inconel boiler tubes at 720 °C.**
- Indigenously designed, developed & manufactured compact 67 kW and 130 kW liquid cooled induction motors for electric vehicles. **These motors were tested successfully and certified at ARAI, Pune.**
- BHEL has also successfully developed and tested 125 kW Permanent Magnet Synchronous Motor (PMSM) Motor with liquid cooled stator frame for **E-Bus application at ARAI, Pune.** 50 kW DC fast charger for Electric Vehicles (EV) has been developed to address the wayside charging infrastructure business. The developed charger has passed all the required tests at ARAI, Pune. **Central Management System (CMS) as per OCPP 1.6 protocol is developed to remotely**

monitor and control all its EV Charging stations installed at various sites and provide information to users/drivers through mobile app regarding available EV charger, state of charge of the battery, etc.

- Solar Panel Cleaning Robot has been indigenously developed for cleaning the dust and other debris on solar panels to mitigate the problem of power lost due to accumulation on the surface of solar panel, **thus maintaining the efficiency of the solar panels.**
- Grid connected, 1MWh, Battery based Energy Storage System (BESS) with Hybrid Battery Energy Storage System comprising Li-Ion Battery, Flow Battery and Advanced Lead acid Battery has been established in-house. **This development will enable BHEL to introduce Energy Storage System (BESS), a new product in Renewable Energy sector.**
- Proton-exchange membrane (PEM) Fuel cell powered 1.25 kW Hybrid Electric Golf cart vehicle for drive range extension of electric vehicles has been developed and demonstrated. This cart can run approx. 130 Km with on board hydrogen storage cylinders.
- For the first time, BHEL has designed and developed 245 kV Fibre Optic Current Transformer (FOCT) providing both Analog & Digital outputs for digital substation application. This product has been developed and all the major technical parameters have been benchmarked with imported optical CT product available with other global suppliers. **This is an important component of a digital substation, which will help transform a conventional power grid into smart grid.**

Major ongoing R&D projects of BHEL

- Completion of prototype of 12-meter E-bus and offering for Homologation at ARAI/ Authorized certifying agency
- Development of 500 KW Main Motor Generator (MMG) for strategic application
- Fabrication of ceramic composite based High chrome balls and bowl mill roll using highly abrasive grains.

- Establishment of new Glass-Mica-Tape (GMT) Based Class 200 Insulation System for Armature Coils of DC Traction Machines by Motorette Testing.

Highlights of other R&D achievements

- BHEL in association with IGCAR, NTPC, is developing Advanced Ultra Supercritical (AUSC) Technology under the aegis of the National Mission on Clean Coal Technology. The technology will yield targeted efficiency of 46% against efficiency of ~38% of subcritical and ~41-42% of supercritical sets. In result, this will further reduce coal consumption and CO₂ emission by about 11% as compared to Super Critical plants and by about 20% as compared to Subcritical power plants for single unit pf power generation.

B. Garden Reach Shipbuilders & Engineers Ltd

Major R&D projects successfully completed during the year 2018-19

- Basic/Functional design of Floating Border Outpost
- Indigenous Hull-form Development and Model testing for Survey Vessel
- ASW SWC Hull Design

Major ongoing R&D projects

- Model testing of ASW-SWC Hull form
- Wind Tunnel Testing of SVL
- Wind Tunnel testing of ASW-SWC for Plume trajectory
- Under-water Radiated Noise (URN) of ASW-SWC
- Hull form development for Missile Vessel

C. Goa Shipyard Limited

Major R&D projects successfully completed during the year 2018-19

During the year 2018-19 the design and development of latest Offshore Patrol Vessels have helped GSL in getting an order of five of these vessels worth nearly

Rs 1869 Cr. The construction of this latest class of 5 Offshore Patrol Vessels is in progress.

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.

- i. Development of high speed missile platform
- ii. Pollution Control Vessel
- iii. 90 M Landing Ship Tank
- iv. 105 M Multipurpose Offshore Patrol Vessel
- v. 60 m Patrol Vessel
- vi. Coastal Patrol Vessel
- vii. Development of Design for 85 M Training and Diving Support vessel

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 recognition has been further extended up to 2021.

D. Cochin Shipyard Limited

The following In-house R&D activities have been undertaken during the year 2018-19:

Welding of lower thickness plates with Submerged Arc Welding process (SAW) using ceramic backing is a new technique for which capability building in developing the weld procedure is of paramount importance to yard. In the above context, Weld procedure development has been undertaken in-house for welding of lower thickness Grade A plate, 8 mm thickness using SAW process with ceramic backing and a Weld Procedure Specification((WPS) has been prepared. This new process saves considerable amount of man hour and effort since turning of large welded plates is avoided and helps in completing the weld pass in single side. The procedure has been validated by ABS Classification society.

Major ongoing R&D projects

Welding Procedure development

Highlights of other R&D achievements

A Memorandum of Understanding has been made in the period with Welding Research Institute (WRI),

Tiruchirappalli, a research institute under Bharat Heavy Electricals Ltd (BHEL). The objective of the MoU is to carry out R&D activities, capacity development and training in Welding and allied fields

E. Mazagon Dock Shipbuilders Limited (MDL)

MDL has successfully completed during the following R&D projects during 2018-19

- (a) Structural response to thermal loads on foundations of reduction gear for ensuring accurate alignment of propeller shaft in stealth frigates.
- (b) Technology innovation to minimize the effects of hull deflection on pre-aligned shaft line axis.

Major ongoing R&D projects:

- Innovation to establish the procedure for doing the complete shaft alignment in dry dock
- Enhancement of Ergonomics
- Development of Artificial intelligence (AI) enabled prototype of a remotely operated underwater vehicle (ROV)
- Development of Artificial intelligence (AI) enabled robotic weld inspection using advanced phased array technique to replace manual radiography
- Development of Artificial Intelligence (AI) Enabled Weld Inspection with Computerized Radiography

Highlights of other R&D achievements

MDL is the recipient of prestigious SOCIETY OF DEFENCE TECHNOLOGISTS (SODET) award during 2018-19 for establishment of innovative procedure for Shaft alignment in dry dock.

SOCIETY OF DEFENCE TECHNOLOGISTS (SODET) award and Golden peacock award during 2018-19 for structural response to thermal loads on foundations of reduction gear for ensuring accurate alignment of propeller shaft in stealth frigates.

F. Hindustan Aeronautics Ltd. (HAL)

Major R&D projects successfully completed by HAL during the year 2018-19 are LCH, Mirage 2000 I/TI Upgrade, Gas Turbine Starter Unit (GTSU) -110M2

for LCA, Temperature Control Valve for LCA, Development of Group-II repair technology of ETsNG-15-10AP3 pump of liquid cooling system for SU-30MKI aircraft, Temperature Control Valve for LCA, 3D Printed Fuel System Elbow for Su-30 Aircraft, Use of alternate engine on HS748 Series 2A aircraft., Design & development of Defueling Valve for LUH, Design & development of FCG Probe, Hydraulic Pump, DC Master Box for HTT-40, Calendar Life Extension of Hawk Mk-132, Total Technical Life (TTL) of Kiran MK I/IA, Total Calendar Life (TCL) extension of MIG-21 BISON aircraft, Mirage 2000 aircraft- Wing Repair, Turbocharger for Battle Tanks

Major ongoing R&D projects

- (I) Fixed Wing Aircraft:
 - a) Combat Aircraft:
 - Light Combat Aircraft (LCA) - Tejas:
 - LCA Mk 1A
 - b) Trainer Aircraft: Hindustan Turboprop Trainer (HTT – 40)
 - c) Aircraft Upgrades:
 - Mirage 2000:
 - Jaguar DARIN III
 - Hawk Upgrade – “Hawk-i”
- (II) Helicopters:
 - Light Combat Helicopter (LCH):
 - Light Utility Helicopter (LUH)
 - Indian Multi Role Helicopter (IMRH)
- (III) Aero Engines:
 - 25 KN Hindustan Turbofan Engine (HTFE-25)
 - 1200 KW Turboshaft Engine (HTSE-1200)

Highlights of other R&D achievements

- ⊙ Light Combat Helicopter (LCH) has successfully completed all weapon (i.e. Turret Gun, Rocket System and Air to Air Missile) integration and firing tests in Jan 2019 and is ready for operational induction. Initial Operational Clearance (IOC) of LCH for Army version was accorded by CEMILAC on 15th Feb 2019.
- ⊙ Maiden flight of third prototype (PT3) of Light Utility Helicopter (LUH) has been conducted successfully on 14th Dec 2018.

- ◉ ALH Blade folding capability was demonstrated to customer on CG 855 helicopter (First ALH manufactured for Coast Guard as per 16 ALH contract) on 19th Dec 2018.
- ◉ HAL displayed the Naval Utility Helicopter with Tail Boom Folding and Main rotor folding as a Technology Demonstrator during the Aero India 2019. NUH is the Advanced Light Helicopter (ALH) Dhruv with customization to meet the operational requirements of the Navy.
- ◉ Service clearance document for FOC Mirage 2000 Upgrade from RCMA has been received on 29th May 2018. The first upgraded Mirage 2000 aircraft to IOC standard with indigenous modification kits was delivered by HAL Overhaul Division to IAF on 1st Jan 2019.
- ◉ The LCA Tejas has successfully completed mid-air refueling trial by Wet (actual) engagement, transferring 1900 kgs fuel from IAF IL78 mid-air refueling tanker on 10th Sep 2018. With this, India joins the elite group of countries who have developed the Air-to-Air (AAR) refueling system for military class of aircraft.
- ◉ The LCA Naval Prototype – 2 (NP2), safely executed the first contact of the HAL designed and developed Arrestor Hook System (AHS) with arresting wire at moderate taxi-in speed on 2nd Aug 2018 at Shore Based Test Facility, INS Hansa, Goa.
- ◉ The modified drop tank with content gauging feature was integrated on Tejas LSP8 aircraft after successfully completing the Limited Qualification Tests and ATP. The efficacy of the modification was evaluated during ground pressure refueling and fuel transfer tests on 30th -31st Oct 2018 and it was found to be in-line with the design requirements. With this, LCA Tejas joins the club of other contemporary aircraft of 4+ generation incorporating content gauging feature for external tanks.
- ◉ Astra Missile (Indigenous BVR Air-to-Air missile), which has been integrated by HAL in Su-30 MKI aircraft was successfully test fired by IAF on 26th Sep 2018.
- ◉ HAL AERDC has successfully achieved running of HTFE-25 core-2 engine upto 100% with IGV modulation in Mar 2019.
- ◉ HAL AERDC has taken up the design and development of 'Afterburner Technology' for aero engine. Under Phase -1 of Design and development, demonstration of the basic afterburner technology using a fixed area propelling nozzle for HTFE-25 engine, has been conducted successfully in Mar 2019.
- ◉ HAL AERDC has also indigenously designed and developed nation's first ever Gas Turbine Electrical Generator (GTEG-60) Auxiliary Power Unit (APU) to start the main engines of AN-32 Military Transport aircraft and it was flown successfully on 11th Feb 2019.
- ◉ HAL Hyderabad received Production Clearance and first unit clearance certificate from RCMA for indigenously developed Jaguar DARIN III Mission Computers (JD3MC) on the 15th Mar 2019. JD3MC is the central computational block of the Navigation-Attack System of the DARIN III upgraded Fighter aircraft.
- ◉ HAL has successfully integrated indigenous Smart Anti Airfield Weapon (SAAW), an aircraft-launched advanced precision strike weapon of 125 Kg category, on Hawk-i aircraft and completed its first sortie on 12th Feb 2019.
- ◉ HTT-40: Stall tests completed and acceptable Stall characteristics achieved.
- ◉ New Cheetah / Chetak Main Gear Box (MGB) Test Rig designed & developed.
- ◉ Voice Activated Command System (VACS) has been integrated with Cockpit Display of Hawk-I aircraft.
- ◉ Dynamic Fusing System (DFS) design and developed for AKASH-1S missile
- ◉ Integration of PGKHSLED500 (Precision Guidance Kit for High Speed Low Drag 500 kg Bomb) on the Su-30 MKI Aircraft - Indigenous Integration of an Indigenous weapon without the involvement of Russian OEM.
- ◉ HAL AURDC had developed the modification scheme for integration of Next Generation Anti-Radiation Missile (NGARM) on Su-30 MkI. Successful live firing trials of NGARM from Su-30 MKI conducted on 18th Jan 2019 at IAF

Base Kalaikunda. As a part of Indigenous efforts by DRDO, HAL RWRDC provided support for Helina Missile firing from ALH at Pokhran during Aug'18

4.3.1.9. CRUDE OIL & GAS

GAIL (India) Limited

GAIL (India) Limited has successfully completed during the following R&D projects during 2018-19

- R&D project on “Development of super-elastic friction damper (SFD) for vibration and seismic mitigation of gas pipelines” was carried out in association with IIT-Kanpur. The results led to development of a novel damper device based on Fe alloy which exhibited an average reduction in seismic ground motion accelerations up to 33% and a peak reduction in ground motions up to 39%.
- Project on “Wireless Sensor Network (WSN) for process monitoring of GAIL’s pipeline” was pursued with BITS-Goa and was successfully tested at select terminals for validation of the technology.
- Project on Development of “light weight composite cylinder for storage of CNG” with IIT-Kharagpur was completed. The success of this Project will help to promote the use of type-IV composite cylinder, which is of light-weight, for storage of natural gas for use in vehicles
- Indigenous development of Pilot scale 5KW PEMFC (PEM fuel cell) was successfully completed in association with CFCT, Chennai.

Major ongoing R&D projects of GAIL (India) Limited

The following major R&D projects are being pursued in Collaboration with reputed Engineering Institutes and CSIR laboratories:

- Development of Metal Hydride based high temperature thermal energy storage systems for waste heat utilization
- Setting up of 1TPD Pilot Plant for conversion of Waste plastic to Diesel.

- Setting up of Pilot plant at GAIL, Pata on Microbial fixation of CO₂ to biomass production
- Scale-up study on 2D COF Adsorbents for Methane Storage & Development of 3D COF
- Development of Pipeline Health Monitoring Robot (PHMR)
- Evaluation of Single Polymer Composite Materials for Packaging of sensitive equipment
- Scale up study and Performance evaluation of CO₂ reforming catalysts in bench-scale studies
- Development of Catalysts for conversion of NGL to value added products
- Production of Bio-Ethanol from Lignocellulosic Biomass
- Development of single-site catalyst for Poly ethylene production
- Low Altitude Long Endurance (LALE) Unmanned Aerial System (UAS) for Surveillance, Reconnaissance and Asset Monitoring of Pipeline RoU. The following major R&D projects are being pursued by the company in Collaboration with reputed Engineering Institutes and CSIR laboratories:

Highlights of other R&D Achievements

- GAIL along with 6 other Oil & Gas PSUs has signed an MoU with IIT-Bombay on 2nd Jan'19 in the august presence of Hon'ble Minister of Petroleum & Natural Gas for setting up a Centre of Excellence in Oil, Gas and Energy (CEOGE) at IIT Bombay.
- 5 Patent applications were filed during the year. As on date, 29 Patent applications have been filed. 3 Patents have been granted.
- GAIL has continued participation in drilling investigations of National Gas Hydrate Program (NGHP)-Phase 2.
- Remote monitoring of Pipeline RoU through high resolution Satellite images is being continued in GAIL Bhuvan portal.

4.3.1.10. TRANSPORTATION VEHICLE & EQUIPMENT

BEML Limited

Major R&D projects successfully completed during the year 2018-19 and its benefits / achievements / savings

Mining & Construction

- Design & Development of 100T class Hydraulic Excavator Model:BE1000-1 with 650 HP BEML engine and new power take off assembly was developed and successfully deployed at MCL, Sambalpur.
- Design & development of rear axle with wet multiple disc brakes, in-board parking brake and independent wheel mounting on 60T (BH 60M) Dump Truck.
- Design & development of front axle with wet multiple disc brakes and independent wheel mounting on 60T (BH 60M) Dump Truck.
- Design & development of proportional steering control valve for 860HP (BD475-1) Bull Dozer.
- Indigenization of towing winch for 90HP (BD50) Bull Dozer
- Design & development of brake oil cooler pump for BH60M Dump Truck
- 5.4 Cum. (BL30-1) wheel loader prototype was successfully commercialized and supplied to THPC (Tehri Hydro electric Corporation) and SAIL(RSP)
- 60T (BH 60M) Dump Truck with BEML make transmission was successfully commercialized and supplied to MOIL.

Product Up-gradation

- Up-gradation of 860HP Bull Dozer with pilot hydraulic system
- Design and Engineering of Segmental Sprocket and Combi cooler for 230HP Bull Dozer.
- Engineering of anti-vibration mounts for engine mounting on Bull Dozer BD155 cabin.
- Development of cabin with split AC on 324HP Pipe Layer
- Design & development of safe load indicator system Pipe Layer model: BP70 & BP41.
- Engineering of Combi-cooler on 70T Hydraulic Excavator
- Development of Danfoss Controller with electronic

controls for Dump Trucks.

- Indigenization of 33/72 bucket rigging items used on Walking Drag Line
- Engineering of alternate transmission (ZF make) on Motor Grader model: BG605 I.
- Engineering of in-board parking brake on 100T Dump Truck and 70KL Water Sprinkler model
- Development of ROPS cabin on Front End Loader model: BL200-1
- Development of cabin with split AC on Front End Loader model: BL30-1
- Up-gradation of Mechanical linkage type transmission to Electric shift transmission on Front End Loader model:BL40
- Engineering of fuel-efficient hydraulic system on Backhoe Loader model: BL9H

Defence

- Development of 20T Trailer with Anti-Lock Braking System for MoD.
- Developed and supplied 12x12 chassis in collaboration with M/s. Tatra to VRDE for Agni-1 Launcher.
- Engineering Mine Plough (EMP) and Track with Mine Plough (TWMP) attachments for T-90 tanks, developed in collaboration with M/s. Pearson Engineering Ltd, UK, underwent all user trials on NC-NC basis successfully.
- BEL Swathi – 6x6: Modified chassis developed to meet shorter TCD, undergoing user trials at North-Sikkim.
- Re-engineered BEML Tatra 8x8 Chassis was developed for the 10 meters Short Span Bridge System (SSBS) against order and first chassis was delivered to customer for building the FOPM.

B. Rail & Metro

- Designed and Developed Diesel Electric Tower car (DETC).
- Kolkata Metro (E-W): The depot tests and Main line tests of the prototype train set has been completed. The Oscillation trials of the prototype train set, has been completed.
- Bangalore Metro (Intermediate Cars): Integration of the prototype Intermediate cars with the existing

3 car unit in BMRCL line to form 6 car train set completed. Depot and Mainline test of the 6-car train set completed successfully and is under revenue service.

Benefits / achievements / savings derived from R&D

Major R&D initiatives like new product / aggregates development, product up-gradation, indigenization etc. have ensured increase in the indigenization level. Up-gradation of existing products with cutting edge technology features helped in sustaining the existing market and also in exploring the new emerging markets. There has been a considerable foreign exchange savings on account of indigenization. Some of the benefits derived from the above are:

- (a) Received awards from SODET in the category of Design Effort for BL30-1 FEL & CII Design Excellence Award for Design & Development of BD65 Torque Convertor.
- (b) Road worthiness certificate received from Automotive Research Association of India for Loader Model: BL30-1.
- (c) Received SODET Bronze award for Technical presentation on Design & Development of Arjun ARRV Hydraulic System at M/s BDL, Hyderabad.

Further as a result of successful completion and commercialization of the projects, the turnover of the company increased. 68% of sales turnover achieved was from in-house R&D developed products. The skill sets, knowledge & expertise of R&D personnel has enhanced and induced confidence in taking up future challenges.

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, DGMS and safety features on par with upcoming CEMM Act and ISO20474 in the areas of Dump Trucks, Dozers, Excavators, WheelLoaders 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 is taking up new design & development programmes to meet the acquisition needs of the Indian Army through joint development with GSF, Cossipore (OFB) and BEL, Development of Launcher, Command post, Loader Cum Replenishment (LCR), Replenishment Vehicle (RV), Prime mover for Towing, Mine Field Marking Equipment Mk-II, Self-propelled mine barrier, Bar mine layer, Development of Linear actuators and Transmission controller to automate existing manual transmission for BMP-II tanks and Indigenous manufacture of cabins for BEML-Tatra vehicles.

Rail & Metro:

The Company has planned to develop products with improved technology like driverless metro cars (UTO– Unattended Train Operation) for Mumbai Line #2 and Line #7. UTO cars are being designed and developed in the country for the first time. R&D is working with IIT, Kharagpur for Bogie design under the UchatharAavishkar Yojana (UAY). R&D has planned to develop medium / high speed bogies with this collaboration.

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. Special focus was given to spread the awareness about Innovation culture and intellectual property rights in the company and 65 Patents were filed during the year 2018-19. 4 technical papers were published by R&D engineers in national / international journals during the year 2018-19.

4.3.1.11. COAL

A. Eastern Coalfields Limited (ECL)

Eastern Coalfields Limited successfully completed the following R&D projects during the year 2018-19

Development of Rubber Compound and Repair Techniques for Trailing Cables of Underground Mining Machines. Project Code: CIL/ R&D/1/54/2013.

Implementing agencies: IIT, Kharagpur and ECL

This R&D project has been completed and the completion Report was discussed in 28th Meeting of Apex Committee of R&D held on 09.10.2018

Major on-going R&D projects

Underground Trapped Miner Location system

Project code - CIL/R&D/1/35/10 Implementing agency: TCS, CMC & CMPDI (ME), Ranchi

The objective of the project is to provide total package of Wi-Fi based network with Medium Frequency (FM) backbone for field trial of two-way communication system to locate trapped miners in case of mine disasters and also day to day communication system for underground mines. The proposed system will be executed / tried at Jhanjra Project of ECL.

Present Status: • Applied to DGMS to get permission for field trials of composite system in last week of January 2016 on R&D basis.

- Director Tech. (RD&T), CMPDI along with Executives from ME Division and S&T Deptt. CMPDI visited DGMS, Dhanbad on 26.04.2019 and discussed in detail with DG, DGMS relating to the issuance of field trial permission to conclude these projects. Director Tech. (RD&T), CMPDI vide letters dated 24.05.2019 and 03.07.2019 again requested DG, DGMS, Dhanbad for issuance of field trial permission under above project. However, field trial permission from DGMS is still awaited.

B. Western Coalfields Limited

Western Coalfields Limited successfully completed the following R&D projects during the year 2018-19

Coal Science and Technology (S&T) project

“Possible implications of Bio-available iron in coal mine dust on coal workers lung disease”,
Implementing Agency: National Institute of Miners Health (NIMH), Nagpur, Priyadarshini Institute of Engineering & Technology (PIET), Nagpur, Central India Institute of Medical Science (CIIMS), Nagpur & Western Coalfields Limited (WCL), Nagpur.

Approved out lay :96.54 lakh Project Commencement: March 2016 Completed: Sep 2018.

The outcome of the above completed project is under discussion with CMPDIL

Major on-going R&D projects

1. **Science and Technology (S&T) project on “Investigation pertaining to geotechnical & hydro geological aspects to stabilize the non-cohesive granular soil/sand in the opencast mines adjacent to the major perennial river”.**

Objectives: (a) to investigate the parameter of the top soil cover, located over the sand stone strata, (b) to study the hydrological conditions causing percolation of water from the adjacent rivers (c) designing suitable slope stabilization scheme using geo-synthetic membrane /textiles and /or geo-synthetic clay liners for retaining the loose granular sand/gravels that also minimize the influence of water entering into mining area and (d) Field demonstration of such a scheme for 40 mts. stretch.

2. **CIL R & D Project “Design guidelines for underground coal extraction beneath massive competent strata: a case study validation”.**

Objectives: To understand the cavability of the roof strata below basalt trap while extracting coal beneath (b) Measures to mitigate uncontrolled and dynamic rock mass movements and to design not to allow the basalt/massive competent strata to lower or fracture and therefore, ensuring safe coal extraction (c) Design of stable barrier pillars in between staggering panels (d) Analyzing the impending goaf behavior (e) Designing & implementing strata monitoring plan with suitable geotechnical instruments for analysis, understanding and validating.

3. **Studies of techno-commercial efficacy of ANFO with a low density PorusPrilled Ammonium**

Nitrate (PPAN) for blasting in coal mines.

Objectives: To find out techno-commercial efficacy of ANFO with a low density PorusPrilled Ammonium Nitrate (PPAN) for blasting in coal mines.

Highlights of other R&D achievements

New Initiative of Sand Segregation from overburden (OB): A new initiative for segregating sand from overburden (OB) has been undertaken due to huge demand of sand, being essential input for construction / infrastructure development of the country. An In-house built plant for washing of sand constructed at Nagpur Area, WCL at rated capacity of 250 cum / day. Subsequently, MoU was signed on 1st January 2017 with NIT for supply of sand for to low cost housing project under PradhanMantri Awas Yojana (PMAY). A 2000 cum per day capacity commercial scale plant is under installation and expected to come in to operation from October 2019.

4.4 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 `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 150 crore and above. Since MoSPI is monitoring the projects, the chapter has been contributed by the Ministry based on 406th Flash Report for the month of August, 2019.

As on 31.08.2019, there were altogether 1634 projects under implementation in the central sector, out of which 453 projects were Mega projects (each costing Rs.1,000 crore and above) and 1181 were Major projects (each costing between Rs.150 crore and Rs.1000 crore).

The total anticipated cost of these 1634 projects is Rs. 19,40,699.03 crore and the total expenditure incurred on them till 31.08.2019 stands at Rs. 9,75,180.06 crore, which is 41.85% of the total anticipated cost of these projects.

Sector wise status of Mega and Major projects of CPSEs based on 406th Flash Report for them on the of August 2019 published by Ministry of Statistics and Programme Implementation (MoSPI), is summarized in the paragraphs below.

4.4.1 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.80,348.00 crore, indicating a cost overrun of 19.71%. The expenditure incurred on these projects till August, 2019 is Rs.46384.74 crore, which is 69.11% of the original cost. These projects belong to the Bhavini Limited and Nuclear Power Corporation of India Limited. Details of projects as under:-

A. Bhavini Limited

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
PROTOTYPE FAST BREEDER REACTOR (BHAVINI, 500 MWE)	09/2003	09/2010	10/2021	3,492	6,840	0

B. Nuclear Power Corporation of India Limited (NPCIL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
KAKRAPAR ATOMIC POWER PROJECT - 3 AND 4	10/2009	12/2015	06/2020	11,459	16,580	91
RAJASTHAN ATOMIC POWER PROJECT -7 AND 8 (2X700 MW)	10/2009	12/2016	12/2020	12,320	17,079	78
KUDANKULAM NUCLEAR POWER PROJECT UNIT-3 and 4	03/2013	11/2020	11/2023	39,849	39,849	33

4.4.2 Civil Aviation

The total original cost of 13 projects in the Civil Aviation sector costing Rs.150 crore and above stood at Rs 8,607.51 crore and the anticipated completion cost at Rs 8,734.44 crore, indicating a cost overrun of 1.47%.

Airport Authority of India Limited (AAI)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
CCS INTERNATIONAL AIRPORT , LUCKNOW	06/2018	09/2021	09/2021	1,383	1,383	0
MODERNIZATION OF CHENNAI AIRPORT PHASE II, CHENNAI	06/2018	02/2022	08/2022	2,467	2,467	0

4.4.3 Coal

The total original cost of implementation of the 106 projects (costing Rs 150 crore and above) stood at Rs 1,02,335.60 crore and the anticipated completion Cost at Rs 1,02,788.94 crore. The expenditure incurred on

these projects till August 2019 is Rs 35,560.62 crore which is 34.75% of original cost.

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	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
MOONIDIH XV SEAM UG	08/2011	04/2015	N.A.	1,230	1,230	31

B. Eastern Coal Fields Limited(ECL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
SONEPUR BAZARI (COMB) OCP (8.0 MT Y)	08/2012	03/2018	03/2020	1,055	1,055	79

C. Mahanadi Coal Fields Limited (MCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
GARJANBAHAL OCP	11/2014	03/2021	03/2021	1,375	1,375	51
INTEGRATED LAKHANPUR-BELPAHAR-LILARI OCP	05/2018	03/2027	03/2027	2,435	2,435	6
REORGANISATION OF BHARATPUR OCP EXPANSION	11/2018	03/2029	03/2029	2,839	2,839	4
SIARMAL OCP (40.0 OMTY)	05/2014	03/2026	03/2026	3,756	3,756	47

D. Northern Coalfields Limited (NCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
DUDHICHUA EXPANSION OCP (10 TO 20 MTPA)	11/2017	03/2022	03/2022	1,255	1,255	0
JAYANT EXPANSION OCP 10 TO 20 MTPA	05/2017	03/2021	03/2021	1,783	1,783	0

E. Neyveli Lignite Corporation(NLC)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
NEYVELI NEW THERMAL POWER PROJECT(2X500 MW)	06/2011	12/2015	12/2019	5,907	7,080	98
NEYVELI UTTAR PRADESH POWER PROJECT LIMITED 1980 MW	07/2016	11/2021	11/2021	17,237	17,238	45

F. South-Eastern Coalfields Limited(SECL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
PELMA OCP(15.00MTY)	11/2014	03/2023	03/2023	1,625	1,625	5
MADANNAGAR OPENCAST PROJECT	10/2015	03/2024	03/2024	1,875	1,875	5
NEYVELI NEW THERMAL POWER PROJECT(2X500 MW)	06/2011	12/2015	12/2019	5,907	7,080	98
KUSMUNDA EXPN. OCP(SECL)(15-50)MTY	08/2013	03/2023	03/2023	7,612	7,612	50
GEVRA EXPANSION OCP (SECL) (35-70) MTY	06/2010	03/2023	03/2023	11,816	11,816	45
NEYVELI UTTAR PRADESH POWER PROJECT LIMITED 1980 MW	07/2016	11/2021	11/2021	17,237	17,238	45

4.4.4 Steel

There were 9 projects in the Steel sector costing Rs.150 crore as on 31.8.2019. The total original cost of implementation of these projects stood at Rs 26,228.23 crore and the anticipated completion cost at Rs.

33,485.23 thus the steel sector is having cost overrun of 27.67%. The expenditure incurred on these projects till August 2019 is Rs 23168.02 crore which is 88.33% of the original cost

A. Steel Authority of India (SAIL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
NEW SINTER PLANT AT BOKARO STEEL PLANT	03/2015	10/2017	06/2020	1,034	1,034	39
MODERNISATION OF STEEL MELTING SHOP NO.1 AT BOKARO STEEL PLANT	05/2015	12/2017	11/2019	1,154	1,154	75
INSTALLATION OF NEW HOT STRIP MILL AT RSP	04/2015	04/2018	11/2019	3,127	3,127	95

B. Hindustan Steelworks Construction Limited HSCL

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
CONSTRUCTION OF MEDICAL COLLEGE AND HOSPITAL AT GULBARGA	05/2005	02/2014	N.A.	769	1,113	0

C. Rashtriya Ispat Nigam Limited

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
FORGED WHEEL PLANT	04/2014	09/2018	09/2019	1,683	1,683	84
COKE OVEN BATTERY-5	12/2011	12/2017	10/2019	2,858	2,500	88

D. National Mineral Development Corporation

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
NMDC INTEGRATED STEEL PLANT	01/2010	05/2015	07/2020	15,525	23,140	83

4.4.5 Petroleum (Refinery & Marketing)

There were 152 projects in the Petroleum sector costing Rs.150 crore and above as on 31.08.2019. The total original cost of these projects stood at Rs. 2,46,655.89 crore and the anticipated completion cost is Rs.2,55,016.79 Crore which is 3.39% more than the original cost. The expenditure incurred on these

projects till August 2019 is Rs.91066.77 crore which is 36.92% of the original cost.

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

A. Gas Authority of India Limited (GAIL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
DURGAPUR-HALDIA PIPELINE PROJECT	03/2017	12/2020	12/2020	1,740	1,740	32
DHAMRA-ANGUL PIPELINE PROJECT	03/2017	12/2020	12/2020	1,933	1,933	71
DOBHI-DURGAPUR PIPELINE PROJECT	03/2017	12/2020	12/2020	2,433	2,433	71
LAYING OF VIJAIPUR-AURAIYA PIPELINE SECTION OF VIJAIPUR-AURAIYA-PHULPUR PIPELINE PROJECT	07/2015	12/2020	12/2020	2,881	2,000	74
KOCHI-KOOTANAD-BANGALORE-MANGALORE PIPELINE PHASE-II	06/2009	12/2012	02/2022	2,915	3,049	56
BARAUNI-GUWAHATI PIPELINE	06/2018	12/2021	12/2021	3,308	3,308	31
BOKARO-ANGUL PIPELINE PROJECT	03/2017	12/2020	12/2020	3,437	3,437	69

B. Indian Strategic Petroleum Reserves Limited (ISPRL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
STRATEGIC CRUDE OIL STORAGE PROJECT AT PADUR	01/2006	01/2012	N.A.	993	1,693	0

C. Chennai Petro Corporation Limited (CPCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
BS-VI PROJECTS	09/2017	12/2019	12/2019	1,858	1,858	89
RESID UPGRADATION PROJECT	03/2013	11/2015	N.A.	3,110	3,110	0

D. Oil & Natural Gas Corporation Limited (ONGC)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
CONVERSION OF RIG SAGAR SAMRAT TO MOBILE OFFSHORE PRODUCTION UNIT(M OPS)	03/2011	05/2013	12/2019	862	1,683	99
4TH PHASE DEVELOPMENT OF NBP FIELD	02/2017	11/2019	11/2019	969	1,034	93
REDEVELOPMENT OF SANTHAL FIELD	02/2017	03/2026	03/2026	1,163	1,163	40
INTEGRATED DEVELOPMENT OF B-127 FIELDS	12/2011	03/2015	12/2019	2,060	2,666	85
DEVELOPMENT OF NEW MARGINAL FIELD WO 24-3, D30 AND B192 ALONG WITH FACILITY FOR CO2 MITIGATION	02/2019	05/2021	05/2021	2,292	2,292	21
ASSAM RENEWAL PROJECT FOR GROUP A	03/2009	03/2013	12/2019	2,465	2,379	99
HEERA REDEVELOPMENT - PHASE III	05/2019	12/2021	03/2022	2,495	2,495	0
NEELAM REDEVELOPMENT PLAN FOR EXPLOITATION OF BASSEIN AND MUKTA PAY	08/2015	03/2019	05/2020	2,819	2,819	88
LIFE EXTENSION OF WALL PLATFORMS OF MUMBAI HIGH AND HEERA FIELDS	12/2015	04/2018	05/2020	3,191	3,247	70

MUMBAI HIGH NORTH REDEVELOPMENT PHASE-IV	04/2019	03/2022	03/2022	3,229	3,229	13
MUMBAI HIGH SOUTH REDEVELOPMENT PHASE-IV	02/2019	04/2021	05/2021	3,661	3,740	9
DEVELOPMENT OF R-SERIES FIELDS INCLUDING REVIVAL OF R 12 (RATNA)	02/2017	05/2021	12/2021	4,007	4,476	61
ENHANCED RECOVERY FROM BASSEIN FIELD THROUGH INTEGRATED DEVELOPMENT OF MUKTA, BASSEIN AND PANNA	01/2015	12/2017	03/2020	4,620	4,620	96
MUMBAI HIGH SOUTH (MHS) REDEVELOPMENT PHASE-III	11/2014	04/2019	12/2019	6,069	5,297	95
DAMAND DEVELOPMENT PROJECT	08/2014	05/2019	10/2019	6,086	5,842	91
KG-DWN-98-2 CLUSTER II DEVELOPMENT PROJECT	03/2016	06/2020	08/2021	34,012	34,012	18

E. Indian Oil Corporation Limited (IOCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
HALDIA BARAUNI PRODUCT PIPELINE	04/2016	12/2020	12/2020	1,021	1,021	0
BS-VI PROJECT AT BONGAIGAON REFINERY	05/2018	09/2019	09/2019	1,222	1,222	0
PARADIP SOMNATHPUR HALDIA PIPELINE	10/2018	10/2021	10/2021	1,298	1,298	14
CAPTIVE DHAMRA-HALDIA REFINERY NATURAL GAS PIPELINE WITH SPURLINE TO PARADIP REFINERY	08/2017	08/2020	08/2020	1,342	1,342	0
NAPHTHA CRACKER EXPANSION PROJECT AT PANIPAT	08/2018	08/2020	08/2020	1,636	1,636	0
AUGMENTATION OF PARADIP-HALDIA-DURGAPUR LPG PIPELINE AND ITS EXTENSION UPTO PATNA AND MUZAFFARPUR	01/2015	12/2020	12/2020	1,823	3,028	60

KOYALI AHMEDNAGAR SOLAPUR PIPELINE	05/2016	08/2021	08/2021	1,945	1,945	62
PARADIP HYDERABAD PIPELINE	01/2015	12/2020	08/2020	2,321	3,338	66
INDMAX PROJECT AT BONGAIGAON REFINERY	02/2016	11/2019	11/2019	2,582	2,582	0
BS-VI PROJECT (PHASE-I) AT HALDIA REFINERY	05/2018	09/2019	09/2019	2,934	2,934	0
POLYPROPYLENE PLANT AT PARADIP REFINERY	03/2014	09/2017	07/2019	3,150	3,150	0
Fuel Quality Upgradation Project at Paradip Refinery	05/2019	08/2021	08/2021	3,361	3,361	0
BS-VI PROJECT AT GUJARAT REFINERY	03/2018	09/2019	09/2019	3,380	3,380	0
BS-VI PROJECT AT PANIPAT REFINERY	12/2017	07/2019	12/2019	3,529	3,529	0
30 INCH CRUDE OIL PIPELINE IN HALDIA-BARAUNI SECTION OF PHBPL AND CONVERSION OF EXISTING 18 INCH HAL	03/2018	09/2022	06/2021	3,712	3,696	22
ENNORE THIRUVALLUR BENGALURU PUDUCHERRY NAGAPATTINAM MADURAITUTICORIN GAS PIPELINE	05/2016	12/2018	02/2021	4,497	6,025	33
ETHYLENE GLYCOL PROJECT AT PARADIP	04/2018	10/2021	10/2021	5,654	5,654	0

F. Oil India Limited (OIL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
UPGRADATION OF CRUDE OIL PUMP STATIONS OF NAHARKATIYA-BARAUNI CRUDE OIL TRUNK PIPELINE	09/2012	03/2015	N.A.	871	1,200	0

G. Hindustan Petroleum Corporation Limited (HPCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
MDPL CAPACITY EXPANSION AND PALANPUR VADODARA PIPELINE EXTENSION	09/2016	06/2020	06/2020	1,879	1,879	97

HASSAN CHERLAPALLI LPG PIPELINE	06/2019	06/2022	06/2022	2,166	2,166	2
EXTENSION OF VISAKH-VIJAYAWADA-SECUNDERABAD PIPELINE (VVSPL) FROM VIJAYAWADA TO DHARMAPURI AND CONST	09/2017	03/2021	03/2021	2,677	2,677	44
MUMBAI REFINERY EXPANSION PROJECT	09/2015	03/2020	03/2020	4,199	5,060	78
VISAKH REFINERY MODERNISATION PROJECT	07/2016	07/2020	07/2020	20,928	20,928	48

H. Mangalore Refinery

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
BSVI UPGRADATION	09/2016	12/2019	07/2020	1,810	1,810	0

4.4.6 Power

75 projects costing Rs.150 crore and above were under implementation. As on 31.08.2019, the total original cost of these 75 projects was Rs.2,81,499.09 crore. The anticipated completion cost is Rs.3,55,386.08

crore which is 26.25% more than the original cost. The expenditure incurred on these projects till August 2019 is Rs.214664.65 crore which is 76.26% 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	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
KAMENG HYDROELECTRIC PROJECT (NEEPCO)	12/2004	12/2009	10/2019	2,497	7,927	97

B. National Hydro-Electric Power Corporation (NHPC)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
PARBATI HEP (4X200 MW) (NHPC) II	09/2002	09/2009	12/2021	3,920	9,997	0
SUBANSIRI LOWER H.E.P (8X250 MW) (NHPC)	09/2003	09/2010	N.A.	6,285	19,496	0

C. National Thermal Power Corporation (NTPC)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
RAMMAM-III HEPP (3X40 MW)	09/2014	09/2019	02/2022	1,382	1,592	20
LATA-TAPOVAN HYDRO ELECTRIC POWER PROJECT 3X57 MW	07/2012	08/2017	N.A.	1,527	1,801	10
ROURKELA PP-II EXPANSION (1X250 MW) - NSPCL	05/2016	12/2018	03/2020	1,885	1,885	0
TAPOVAN-VISHNUGAD HEP (4X130MW)	11/2006	03/2013	12/2020	2,978	5,867	70
TALAIPALLI COAL MINING PROJECT	09/2015	11/2019	11/2019	3,004	3,004	0
PAKRI BARWADIH COAL MINING PROJECT	10/2004	10/2017	N.A.	4,238	4,552	0
BRBCL-NABINAGAR TPP- JV (4X250 MW)	01/2007	07/2012	09/2020	5,353	9,997	85
MOUDA STPP STAGE 2	03/2012	09/2016	N.A.	7,921	7,921	0
BARH STPP(3X660MW) NTPC	02/2005	10/2011	08/2021	8,693	21,312	66
TANDA TPP STAGE-II (2X660 MW)	09/2014	07/2019	06/2020	9,189	9,189	65
MUNPL-MEJA TPP - JV (2X660 MW)	04/2012	02/2017	06/2020	9,751	12,176	72
KHARGONE STPP STAGE I (1320 MW)	03/2015	01/2020	01/2020	9,871	11,149	75
TELANGANA SUPER THERMAL POWER PROJECT PHASE I	01/2016	11/2020	06/2021	10,599	10,599	43
GADARWARA SUPER THERMAL POWER PROJECT STAGE-I	03/2013	01/2018	03/2020	11,639	12,866	81
LARA SUPER THERMAL POWER PROJECT STAGE-I (2 X 800 MW)	12/2012	10/2017	03/2020	11,846	12,740	78
DARLIPALLI STPP STAGE-I (2X800 MW)	02/2014	12/2018	09/2020	12,532	13,741	75
NPGCPL-NABINAGAR STPP - JV (3X660 MW)	01/2013	05/2018	12/2021	12,965	17,304	79
NORTH KARANPURA STPP (3X660 MW)	02/2014	06/2019	09/2021	14,367	15,164	62
PATRATU STPP-I (3X800MW)	11/2017	03/2023	03/2023	18,668	18,668	10

E. Power Grid Corporation Limited (PGCIL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
EASTERN REGION STRENGTHENING SCHEME-V	10/2013	04/2016	08/2019	1,365	1,891	0
CREATION OF 400/220 KV SUBSTATIONS IN NCT OF DELHI DURING 12TH PLAN PERIOD (PART-A)	03/2015	05/2017	12/2019	1,395	1,395	0
TRANSMISSION SYSTEM FOR SOLAR PARK AT BHADLA RAJISTHAN	07/2016	01/2019	07/2019	1,429	1,429	0
KUNADANKULAM APP TRANS SYSTEM (PGCIL)	05/2005	11/2008	08/2019	1,779	2,187	0
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	1,931	0
EASTERN REGION STRENGTHENING SCHEME-XVIII	03/2017	07/2020	07/2020	3,500	3,500	0
GREEN ENERGY CORRIDORS - INTER STATE TRANSMISSION SCHEME PART-D	05/2016	05/2019	09/2019	3,520	3,520	0
STRENGTHENING OF TRANSMISSION SYSTEM BEYOND VEMAGIRI	12/2015	04/2019	07/2019	3,654	3,654	0
COMPREHENSIVE SCHEME FOR THE STRENGTHENING OF THE TRANSMISSION AND DISTRIBUTION SYSTEM IN A P	12/2014	12/2018	12/2019	4,754	9,072	0
TR. SYSTEM ASSOCIATED WITH MUNDRA ULTRA MEGA POWER PROJECT	10/2008	10/2012	12/2019	4,824	5,072	0
HVDC BIPOLE LINK BETWEEN WESTERN REGION (RAIGARH, CHATTISGARH) AND SOUTHERN REGION (PUGALAR, TM) NOR	02/2017	04/2020	04/2020	5,070	5,070	0
NORTH EASTERN REGION POWER SYSTEM IMPROVEMENT PROJECT (NERPSIP) FOR SIX (6) STATES	12/2014	12/2018	12/2020	5,111	6,880	0

TRANSMISSION SYSTEM STRENGTHENING IN WR-NR TRANSMISSION CORRIDOR FOR IPPS IN CHHATTISGARH	06/2014	03/2018	12/2019	5,151	5,151	0
NORTH- EAST NORTH WESTERN INTERCONNECTOR I PROJECT	02/2009	08/2013	03/2022	11,130	14,719	0
HVDC BIPOLE LINK BETWEEN WR (RAIGARH, CHATTISGARH) AND SR (PUGALUR-NORTH TRICHUR-SCHEME-I: RAIGARH-P	05/2016	11/2019	11/2019	14,733	14,733	0

F. Tehri Hydro Development Corporation Limited (THDC)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
TEHRI PUMPED STORAGE PLANT(1000 MW)	07/2006	02/2016	06/2022	1,657	5,024	58
AMELIA COAL MINE	01/2017	09/2020	09/2020	2,104	1,587	19
VISHNUGAD PIPALKOTI HYDRO ELECTRIC PROJECT	08/2008	06/2013	12/2022	2,492	4,398	39
KHURJA SUPER THERMAL POWER PROJECT	03/2019	09/2023	09/2023	11,089	11,089	5

4.4.7 Railways

There were 351 projects in the Railways sector costing Rs.150 crore and above under implementation as on 31.08.2019. The total original cost of implementation of these projects stood at Rs. 4,61,117.38 crore and the anticipated completion cost at Rs.6,60,824.02 crore

which is 43.31% more than the original cost. The Expenditure incurred on these projects till August 2019 is Rs. 190365.2 crore which is 41.28% of the original cost. The details of projects costing` 1000 crore and above are given as under

A. Rail Vikas Nigam Ltd. (RVNL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
DAUND-GULBARGA - DOUBLING (224.9 KM) AND PUNE-GUNTAKAL -ELECTRIFICATION (641.37 KM)	03/2009	03/2020	03/2020	713	1,950	85
LUCKNOW- PILIBHIT VIA SITAPUR, LAKHIMPUR GC	04/2011	03/2019	03/2020	927	1,200	95
BANASPANI- JAKHPURA - DOUBLING	03/2009	03/2019	03/2021	943	1,120	88

SAMBALPUR - TITLAGARH DOUBLING	03/2006	03/2020	03/2021	948	1,500	70
AHMEDABAD-BOTAD (GC)	04/2012	12/2021	12/2021	976	1,082	75
BHIMSEN - JHANSI DOUBLING WITH ELECTRIFICATION	03/2012	12/2020	03/2021	1,183	1,183	82
HARIDASPUR-PARADEE P(NL)	04/1996	12/2017	03/2020	1,186	1,844	81
SUKINDA ROAD - ANGUL (NL)(ECOR)	04/1998	02/2015	12/2021	1,203	1,203	47
RAIPUR - TITLAGARH - DOUBLING	03/2007	03/2020	06/2020	1,402	1,100	68
BINA - KOTA DOUBLING WITH RE	04/2011	12/2020	12/2020	1,486	1,486	48
VIJAYWADA- GUDUGOLANU- BHIMAVARAM- NARSAPUR DL (221 KM)	03/2012	03/2020	03/2022	1,504	1,504	68
PALANPUR- SAMAKHAYALI (DL)	04/2013	12/2021	12/2021	1,549	1,549	65
MAU-GHAZIPUR- TARIGHAT NEW LINE	04/2015	03/2023	12/2024	1,766	1,766	23
RAYADURGA-TUMKUR NL	04/2007	N.A.	03/2022	2,062	2,062	0
HOSPET- HUBLI-LONDA- VASCODAGAMA DL	04/2010	03/2023	03/2023	2,127	2,900	80
NEW WORK FOR CONSTRUCTION OF METRO RAILWAY FROM BARANAGAR TO BARRACKPORE AND DAKSHINESHWAR (MTP)	04/2010	03/2014	12/2025	2,298	2,734	21
VIZIANAGARAM -SAMABALPUR 3RD LI NE	01/1991	12/2024	12/2024	2,336	2,336	5
NEW WORK FOR CONSTRUCTION OF METRO RAILWAY FROM JOKA TO BINOY BADAL DINESH BAGH.	04/2010	03/2016	03/2025	2,914	2,914	38
BHANUPALI-BILASPUR BERI NL	04/2008	12/2026	12/2026	2,967	7,000	0
VIJAYAWADA-GUDUR	04/2015	12/2023	12/2023	3,246	3,549	11
NEW WORK FOR CONSTRUCTION OF METRO RAILWAY FROM NSCB AIRPORT TO NEW GARIA VIA RAJARHAT (MTP)	04/2010	03/2016	03/2025	3,952	4,259	24

RISHIKESH - KARNAPRAYAG NEW LINE	04/2011	12/2024	03/2026	16,216	16,216	0

B. Central Railways (CR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
KALYAN-KASARA 3RD LINE	04/2011	03/2021	03/2022	793	1,377	25
MANMAD - JALGAON - 3RD LINE (160 KM)	02/2016	03/2022	03/2024	1,035	1,035	15
WARDHA-BALHARSHAH - 3RD LINE (132 KM)	02/2015	03/2022	03/2023	1,272	1,272	22
DAUND - MANMAD (236 KM)	02/2016	03/2023	03/2023	1,876	2,081	5
AHMEDNAGAR-PARLI VAIJNATH(NL) CR	02/1997	03/2021	03/2022	2,272	3,713	59
PUNE-NASIK (265 KM)	02/2016	03/2024	03/2024	2,425	5,342	0
ITARSI-NAGPUR (BAL.) - 3RD LINE (267 KM)	02/2015	03/2023	03/2023	2,450	2,450	16
VAIBHAVWADI -KOLHAPUR (107 KM)	02/2016	03/2024	N.A.	2,750	3,439	0
WARDHA-NANDED MAHARASHTRA	04/2008	03/2023	03/2023	3,168	3,168	16
PUNE-MIRAJ-LONDA (467 KM)	02/2015	03/2024	03/2022	3,627	3,627	15
INDORE - MANMAD VIA MALEGAON (368 KM)	02/2016	03/2024	03/2024	9,968	9,968	0

C. Dedicated Freight Corridor Corporation of India (DFCC)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	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	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
TALCHER-BIMALAGARH(NL)(ECOR)	04/2005	06/2021	03/2023	811	1,928	15
SAMBALPUR-TALCHER DOUBLING	03/2011	02/2019	03/2022	1,112	1,539	80

KIRANDUL - JAGDALPUR DOUBLING	12/2012	03/2020	03/2023	1,160	1,161	50
BUDHAPANK - SALEGAON VIA RAJATGARH 3RD AND 4TH LINE.	04/2015	12/2018	03/2022	1,173	1,173	30
JAGADALPUR-KORAPUT DOUBLING	04/2015	03/2022	03/2023	1,547	1,547	55
KORAPUT - SINGAPUR ROAD DOUBLING	04/2015	03/2022	03/2025	2,362	2,362	8
KOTTAVALSA - KORAPUT DOUBLING	04/2015	03/2022	03/2022	2,500	3,383	15
KHURDA ROAD-BOLANGIR(NL)ECOR	04/1994	03/2009	03/2024	2,923	3,792	35

E. East Central Railways (ECR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
MOTIHARI-SITAMARHI (NL)	04/2006	N.A.	03/2024	211	1,006	0
BIHTA-AURANGABAD (NL)	04/2008	N.A.	03/2024	326	2,995	0
FATUHA-ISLAMPUR INCL. MM FOR EXTENSION OF NEW LINE FORM BIHARSHARIF- BARBIGHA, DANIYAWAN- BIHARSHARIF,	04/1991	N.A.	12/2021	329	1,483	33
SAKRI-NIRMALI AND JHANJHARPUR-LAUKAHABAZAR AND SAHARSA-FORBESGANJ (GC)	04/2004	N.A.	03/2021	372	1,471	58
CHHAPRA-MUZAFFARPUR (NL)	04/2006	N.A.	03/2022	379	2,609	17
KODERMA-TILAIYA (NL), ECR	04/2002	N.A.	03/2021	460	1,626	50
HAJIPUR-SUGAULI VIA VAISHALI (NL), ECR	04/2003	N.A.	03/2023	529	2,067	48
MUZAFFARPUR SAGAULI DOUBLING 100.60 KM	04/2016	03/2021	03/2022	732	1,186	0
SAGAULI VALMIKINAGAR DOUBLING 109.7 KM	04/2016	03/2021	03/2022	744	1,216	0
KODERMA-RANCHI VIA BARKAKANA (NL),ECR	03/1999	N.A.	03/2021	1,033	3,376	90

KIUL - GAYA DOUBLING PROJECT	12/2015	03/2020	10/2021	1,200	1,200	40
RAMPUR DUMRA - TAL - RAJENDRAPUL DOUBLING INCLUDING GANGA BRIDGE	12/2015	03/2020	12/2022	1,491	1,491	8
ARARIA-SUPAUL (NL)	04/2008	N.A.	03/2023	1,605	1,605	0
RAMNA - SINGRAULI DOUBLING	08/2015	03/2020	03/2021	2,436	2,436	40

F. Eastern Railways (ER)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
SULTANGANJ-KATURIA VIA ASARGANJ, TARAPUR AND BELHAR	04/2007	N.A.	03/2025	450	1,261	0
DEOGHAR - SULTANGANJ (INL), ER	04/2000	02/2013	03/2024	607	1,425	45
PIRPAINTI-JASIDIH	04/2013	03/2022	03/2025	916	2,138	20
BARDHAMAN-KATWA (GC)	04/2007	12/2010	03/2025	1,107	1,092	90
TARAKESWAR - BISHNUPUR NEW BG LINE (NL), ER	04/2000	03/2019	03/2025	1,189	1,619	60

G. Kolkata Metro Rail Corporation Ltd (KMRCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	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	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
BELAPUR-SEAWOOD-URAN ELECTRIFIED DOUBLE LINE(MTP)	03/1996	03/2004	03/2021	495	2,980	82
TOLLYGANJ-GARIA WITH EXTENSION TO DUM DUM-NOAPARA AND NOAPARA-NSCB AIRPORT(MTP)	03/2000	12/2006	N.A.	1,050	3,405	0

EAST WEST METRO CORRIDOR FROM HOWRAH MAIDAN TO SALT LAKE	03/2013	03/2016	06/2021	4,875	8,575	0

I. North Central Railway (NCR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
JHANSI BINA DOUBLING	09/2016	03/2021	03/2021	2,001	2,001	0
DHOLPUR-SIRMUTTRA WITH EXTENSION TO GANGAPURCITY AND MOHARI-TANTPUR AND TANPUR-BANSI PAHARPUR	04/2010	N.A.	N.A.	2,031	2,031	0
GWALIOR-SEOPURKALA WITH EXTENSION TO KOTA (GC)	04/2011	03/2022	12/2024	2,913	3,846	0
JHANSI MANIKPUR AND KHAIRAR BHIMSEN DOUBLING	03/2018	03/2023	03/2023	4,330	4,330	0

J. North Eastern Railways (NER)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
ANANDNAGAR GHUGHALI VIA MAHRAJGANJ UP	03/2013	N.A.	N.A.	307	1,409	0
SHAHGANJ-BHATNI-PHEPHNA-INDARA, MAU-SHAHGANJ (EXCL. MAU-INDARA) PATCH DOUBLING.	04/2016	12/2019	04/2021	1,178	1,029	0
ROSA-SITAPUR CANTT-BURHWAL DOUBLING	03/2015	03/2022	12/2019	1,295	1,295	0
PADRAUNA - KUSHINAGAR VIA GORAKHPUR - NEW LINE	04/2017	01/2018	N.A.	1,343	1,476	0
BAHRAICH - MAILANI GAUGE CONVERSION INCLUDING BY-PASS AT MAILANI.	04/2016	01/2022	01/2022	1,900	1,277	0

K. Northern Frontier Railways (NFR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
NEW JALPAIGURI-SILIGURI-NEW BONGAIGAON GC WITH MM OF NEW LINE OF CHALSA-NAXAL AND RAJABHATKHAWA-JAIN	02/1999	04/2010	N.A.	381	1,871	98
NEW B.G. LINE FROM TETELIA TO BYRNIHAT (NATIONAL PROJECT), NEFR	09/2006	03/2019	03/2020	385	1,532	62
NEW B.G. LINE FROM ARARIA TO GALGALIA (THAKURGUNG), NEFR	09/2006	03/2019	03/2020	533	2,145	1
NEW JALPAIGURI SILIGURI NEW BONGAIGAON INCLUDING BR LINE AND MM CHALSA NAXAL RAJABHATKHOWA JAINTI	04/1999	N.A.	N.A.	819	1,871	0
DIGARU-HOJAI (102 KM)	04/2015	03/2021	03/2021	871	2,136	35
NEW BG LINE FROM BYRNIHAT TO SHILLONG	04/2010	03/2021	03/2021	906	6,000	2
NEW MAYNAGURI TO JOGIGHOPA VIA CHANGRABANDHA (NL), NEFR	04/2000	12/2008	03/2021	1,180	3,300	82
SEVOK RANGPO, NEFR	04/2008	12/2015	N.A.	1,339	4,085	0
NEW BONGAIGAON-RANGIA-KAMAKGHYA DOUBLING	04/2013	03/2019	N.A.	1,798	2,497	0
BONGAIGAON-GOALPARA-GUWAHATI (176 KM)	04/2015	03/2022	03/2020	2,232	2,182	17
NEW LINE FROM DIMAPUR TO ZUBZA(KOHIMA) NATIONAL PROJECT (N EFR)	04/2006	03/2015	10/2021	2,327	3,000	21
BHAIRABI SAIRONG, NL, NEFR	04/2008	03/2014	03/2022	2,393	5,021	61
DIMAPUR-TIZIT NL	04/2013	03/2020	03/2020	4,274	4,274	0
JIRIBAM TO IMPHAL (TUPUI)(NL)(NEFR)	04/2003	03/2011	03/2020	4,454	12,524	40

L. National High Speed Rail Corporation Limited (NHSRCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
MUMBAI AHMEDABAD HIGH SPEED RAIL PROJECT	12/2015	12/2023	12/2023	108,000	108,000	8

M. Nothern Railways (NR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
CHANDIGARH-BADDI	04/2007	03/2023	03/2023	328	1,540	0
NANGALDAM-TALWARA(NL),NR	03/1981	07/2012	03/2024	450	2,010	0
UNCHA HAR-AMETHI	04/2012	N.A.	03/2023	1,229	1,230	0
UDHAMPUR-SRINAGAR-BARAMULLA (NL),NR	03/1995	11/2002	06/2022	2,500	27,949	60

N. North Western Railways (NWR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
AJMER-KOTA (NASIRABAD-JAUNDRI)	04/2013	N.A.	N.A.	822	1,100	0
AJMER(NASIRABAD)-SAWAI MADHOPUR (CHAUTH KA BARWARA) VIS TONK NL	05/2015	N.A.	N.A.	874	1,980	0
RATLAM-DUNGARPUR VIA BANSWARA (NL)	04/2011	N.A.	N.A.	2,083	4,079	6

O. South Central Railways (SCR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
NANDYAL-YERRAGUNTALA(NL),SCR	03/1996	02/2009	N.A.	164	1,050	0
BHADRACHALAM ROAD-SATTUPALLI	04/2010	03/2020	03/2020	704	1,353	0
CUMBUM-PRODDATUR	04/2013	N.A.	N.A.	829	1,599	0
BHADRACHALAM-KOVVUR	04/2012	N.A.	N.A.	923	1,787	0
KOTLPALLI-NARASAPUR (NL) (SCR)	12/2001	03/2009	03/2023	1,045	2,120	0
MANUGURU-RAMAGUNDAM	04/2013	N.A.	N.A.	1,112	2,912	0

MANOHARABAD-KOTHPALL NEW LINE(SCR)	04/2006	03/2010	03/2023	1,160	1,160	0
MUNEERABAD-MAHA BOOBNAGAR(NL),SCR	04/1997	03/2000	03/2021	1,723	1,723	0
KAZIPET-VIJAYAWADA 3RD LINE WITH ELECTRIFICATION	04/2012	03/2023	03/2024	1,857	2,200	0
KAZIPET-BALHRSHA	04/2015	03/2021	03/2023	2,063	2,063	0
KADAPA-BANGALORE (NL), KADAPA-PENDLIMARRI PH-I	04/2008	03/2014	03/2024	2,133	2,133	0
NADIKUDE-SRI KALAHASTI	04/2011	03/2021	03/2024	2,289	2,289	0
GUNTUR-GUNTAKAL	04/2016	03/2022	03/2023	3,631	3,631	0
DUVVADA-VIJAYAWADA	04/2015	N.A.	N.A.	3,873	3,873	0

P. South East Central railways (SECR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
CHHINDWARA - NAGPUR (GC)(SECR)	04/2005	N.A.	10/2019	384	1,414	0
GONDIA-JABALPUR(GC),(SECR)	02/1997	04/2020	12/2020	512	1,757	90
CHHINDWARA NAINPUR MANDLA FORT GAUGE CONVERSION PROJECT	04/2010	02/2019	06/2020	586	1,300	54
CHAMPA-JHARSUGUDA 3RD LINE	04/2008	12/2019	10/2019	872	1,227	87
ANUPPUR-KATNI	04/2015	12/2021	12/2021	1,370	1,370	18
RAJNANDGAON - NAGPUR - 3RD LINE (SECR)	09/2016	03/2023	03/2023	1,909	2,687	18
JHARSUGUDA-BILASPUR 4TH LINE	04/2015	03/2021	12/2022	1,973	1,974	10

Q. South Eastern Railways (SER)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
HOWRAH-AMTA-CHAMPADANGA NL (SER)	04/1974	03/2007	N.A.	393	1,026	57
DIGHA-JALESWAR INCLUDING MM FOR DIGHA-EGRA	04/2010	03/2015	N.A.	651	1,009	0

ROURKELA JHARSUGUDA THIRD LINE 101 KM	11/2015	03/2020	06/2020	970	1,313	40
BANKURA DAMODAR VALLEY RLY LINE 96 KM GC WITH 6MMS FOR NL	04/1998	03/2003	03/2030	1,027	2,373	32
BONDAMUNDA RANCHI DOUBLING	03/2016	03/2021	12/2021	1,724	1,993	26

R. Southern Railways (SR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
MADURAI-TUTICORIN VIA ARUPPUKKOTTAI	04/2011	03/2019	12/2019	121	1,800	0
ATTIPPATTU PUTTUR	04/2008	02/2019	N.A.	152	1,105	0
ERODE-PALANI	04/2008	N.A.	N.A.	289	1,140	0
CHENNAI-CUDDALORE VIA MAMALLAPURAM	04/2008	N.A.	N.A.	524	2,300	0
TIDIVANAM-NAGARI (NL)	09/2006	N.A.	N.A.	583	2,300	0
MAYLADUTHURAI-THIRUVARUR-KARAIKUDI-THIRU 'PONDI'-AGASTIYAMP ALLI	09/2007	02/2019	02/2020	725	2,073	0
MADURAI - MANIYACHI - TUTICORIN (160 KM) DOUBLING	02/2015	03/2020	06/2021	760	1,182	0
SRIPERUMBUDUR-GUDUVANCHERY WITH SPUR TO IRUNGATTUKKOTTAI-AVADI-SRIPERUMBUDUR	04/2013	N.A.	N.A.	839	1,500	0
TRIVANDRUM-KANYAKUMARI DOUBLING	02/2015	N.A.	N.A.	1,432	1,432	0
ANGAMALI-SABARIMALA (N.L.)(SR)	10/1998	N.A.	N.A.	1,566	2,816	6
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	1,003	0

S. South Western Railways (SWR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
HUBLI- CHIKJAJUR	03/2015	03/2020	03/2021	1,157	1,141	0
BANGLORE - SATYAMANGALAM (NL)(SWR)	04/1996	03/2002	03/2024	1,383	1,383	0
HOTGI-KUDGI-GA DAG	03/2015	03/2019	03/2021	1,615	1,870	0
TUMKUR- CHITRADURGA- DAVENGERE NL	04/2011	N.A.	12/2023	1,801	1,801	0
HUBLI-ANKOLA(NL),SWR	04/1997	N.A.	12/2024	2,315	2,135	0
GADAG-WADI NL	04/2013	12/2018	12/2024	2,842	2,842	0

T. West Central Railways (WCR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
LALITPUR-SATNA- REWA-SINGRULI NL, (NCR)	09/1998	05/2008	03/2023	248	6,093	0
RAMGANJMUNDI- BHOPAL (NL),WCR	04/2001	03/2021	03/2023	425	2,910	0
KATNI GRADE SEPARATOR/BYE PASS	08/2016	03/2022	09/2022	582	1,248	0
KATNI - SINGRAULI DOUBLING PROJE CT	12/2015	03/2020	03/2022	1,764	1,764	0
KATNI-BINA 3RD LINE (263 KM)	06/2016	03/2022	03/2023	2,478	2,478	0

U. Western Railways (WR)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
AHMEDABAD- HIMMATNAGAR- UDAIPUR (WR)	04/2008	03/2020	03/2021	830	1,310	0
SURENDRA NAGAR RAJKOT	04/2015	03/2021	03/2021	1,002	1,002	0
VIRAMGAM- SAMAKHIALI (DL)	04/2011	03/2021	03/2022	1,037	1,037	0
CHOTTAUDEPUR- DHAR(NL)	04/2007	03/2022	03/2022	1,347	1,347	0
DAHOD-INDORE VIA SARDARPUR, JHABUA AND DHAR (NL)	04/2007	03/2022	03/2023	1,640	1,640	0

RATLAM-MHOW-KHANDWA-AKOLA (GC)	04/2008	03/2022	03/2023	3,504	3,860	0

4.4.8 Telecommunication

There were 4 projects in the Telecommunication sector under implementation as on 31.08.2019. The total original cost of implementation of the projects stood at Rs.16,095.23 crore and the anticipated completion

Cost is Rs. 27,333.53 crore. The expenditure in these projects till August 2019 is 9135.56 crore which is 56.76% of the original cost. The details of projects costing ` 1,000 crore and above are as under:

A. Department of Telecommunication (DoT)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
NETWORK FOR SPECTRUM	03/2012	07/2015	05/2020	13,334	24,664	0

B. Indian Telephone Industries Limited (ITI)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
NETWORK FOR SPECTRUM (NFS) TO CONNECT DEFENCE STATIONS ACROSS COUNTRY	09/2014	09/2014	N.A.	2,111	2,011	0

4.4.9 Urban Development

There were 63 projects in the Urban Development sector costing Rs. 150 crore and above under implementation as on 31.08.2019. The total original cost of implementation of these projects stood at Rs.1,86,663.06 crore and the anticipated completion

Cost is Rs. 1,93,294.88 crore which is 3.55% higher than The original cost. The expenditure on these projects till August 2019 is Rs.84672.92 crore which is 45.36% of the original cost. The details of projects more than ` 1,000 crore are as under:

A. Kochi Metro Rail Corporation Limited (KMRCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
KOCHI METRO RAIL PROJECT	07/2012	07/2017	12/2019	5,182	5,688	0

B. Bangalore Metro Rail Corporation (BMRCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
BANGALORE METRO RAIL PROJECT PHA SE-2	02/2014	02/2019	03/2020	26,405	26,405	0

C. Chennai Metro Rail Corporation Limited (CMRL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
CHENNAI METRO RAIL LTD (PHASE 1 EXT)	06/2016	03/2018	N.A.	3,770	3,770	0
CHENNAI METRO RAIL LTD (PHASE 1)	02/2009	12/2015	N.A.	14,600	19,058	0

D. Mumbai MetroRail Corporation Limited (MMRCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
MUMBAI METRO LINE 3 (COLABA-BANDRA-SEEPZ)	07/2013	01/2015	05/2020	23,136	23,136	0

E. Metropolitan Rapid Transport Project(MRTP)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
BELAPUR-SEAWOOD-URAN ELECTRIFIED DOUBLE LINE(MTP)	03/1996	03/2004	03/2021	495	2,980	82
TOLLYGANJ-GARIA WITH EXTENSION TO DUM DUM-NOAPARA AND NOAPARA-NSCB AIRPORT(MTP)	03/2000	12/2006	N.A.	1,050	3,405	0
EAST WEST METRO CORRIDOR FROM HOWRAH MAIDAN TO SALT LAKE	03/2013	03/2016	06/2021	4,875	8,575	0

F. National Building Construction Corporation (NBCC)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
BELAPUR-SEAWOOD-URAN ELECTRIFIED DOUBLE LINE(MTP)	03/1996	03/2004	03/2021	495	2,980	82
TOLLYGANJ-GARIA WITH EXTENSION TO DUM DUM-NOAPARA AND NOAPARA-NSCB AIRPORT(MTP)	03/2000	12/2006	N.A.	1,050	3,405	0
AIIMS BILASPUR	04/2018	09/2021	09/2021	1,351	1,351	5
REDEVELOPMENT OF GPRA COLONY AT NAUROJI NAGAR	07/2016	N.A.	N.A.	2,694	2,694	0
REDEVELOPMENT OF EAST KIDWAI NAGAR	06/2012	11/2019	11/2019	4,264	4,439	0

EAST WEST METRO CORRIDOR FROM HOWRAH MAIDAN TO SALT LAKE	03/2013	03/2016	06/2021	4,875	8,575	0

G. Nagpur Metro Rail Corporation Limited (NMRCL)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
NAGPUR METRO RAIL	08/2014	03/2018	12/2019	8,680	8,680	83

H. Central Public Work Department (CPWD)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
ESTABLISHMENT OF CENTRAL ARMED POLICE FORCE INSTITUTE OF MEDICAL SCIENCES(CAPFIMS) AT NEW DELHI	10/2013	10/2019	03/2021	1,219	2,000	44

4.4.10 Health And Family Welfare

There were 21 projects in the Urban Development sector costing Rs.150 crore and above under implementation as on 31.08.2019. The total original cost of implementation of these projects stood at Rs. 9,480.23 crore and the anticipated completion Cost

is Rs. 9,597.52 crore which is 1.24% higher than the original cost. The expenditure on these projects till August 2019 is Rs.3377.82 crore which is 35.63% of the original cost. The details of project more than Rs.1,000 crore are as under:

NATIONAL BUILDING CONSTRUCTION CORPORATION LTD

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
JAL MARG VIKAS PROJECT	01/2018	03/2023	03/2023	4,200	5,369	26

4.4.11 Mines

There were 5 projects in the Mines sector costing` 150 crore and above under implementation as on 31.08.2019. The total original/anticipated cost of implementation of these projects stood at`7,078.62

crore. The expenditure on these projects till August 2019 is`587.94 crore which is 8.31% of the original cost. The details of project more than `1,000 crore are as under:

NATIONAL ALUMINUM COMPANY LIMITED (NALCO)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
5TH STREAM ALUMINA REFINERY EXPANSION PROJECT	12/2014	04/2021	04/2021	5,540	5,540	0

4.4.12 Shipping and Ports

There was 1 project in the Shipping and Ports sector costing ` 150 crore and above under implementation as on 31.08.2019. The total original cost of implementation of this project stood at `4,200.00 crore and the

anticipated completion Cost is ` 5,369.18 crore which is 27.84% higher than the original cost. The expenditure on these projects till August 2019 is `1394.52 crore which is 33.20% of the original cost. The details of project more than `1,000 crore are as under:

Inland Waterways Authority of India

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
JAL MARG VIKAS PROJECT	01/2018	03/2023	03/2023	4,200	5,369	26

4.4.13 Water Resources

There were 2 projects in the Water Resources sector costing Rs. 150 crore and above under implementation as on 31.08.2019. The total original cost of implementation of this project stood at Rs 10,384.61 crore and the anticipated completion Cost

is Rs 55,782.44 crore which is 437.16% higher than the original cost. The expenditure on these projects till August 2019 is Rs 16450.19 crore which is 158.41% of the original cost. The details of project more than Rs 1,000 crore are as under:

A. Polavaram Project Authority

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Original Cost (Rs Crore)	Anticipated Cost (Rs Crore)	Physical Progress
POLAVARAM IRRIGATION PROJECT	02/2009	03/2020	06/2021	10,151	55,549	0

5

Organisation and Management

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 in four Schedules namely 'A', 'B', 'C' and 'D' based on various quantitative, qualitative and other factors. The quantitative factors considered in this regard are: investment, capital employed, net sales, profit before tax, number of employees and units, capacity addition, revenue per employee, sales/capital employed, capacity utilization and value added per employee. Qualitative factors are: national importance, complexities of problems being faced by the company, level of technology, prospects for expansion and diversification of activities and competition from other sectors etc. The other factors, wherever available, relate to Share price, MOU ratings, Maharatna/Navratna/Miniratna status, 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 2018-19, the post of Chairman & Managing Director (CMD) BIRAC was re-designated as Managing Director (MD), BIRAC. The following Board level posts in CPSEs were exempted from the rule of immediate absorption.

- (i) CMD, Railtel Corporation of India Limited.
- (ii) MD, Karnataka Antibiotics and Pharmaceuticals Limited,
- (iii) Director (Finance), State Trading Corporation of India Limited,
- (iv) Director (Technical), FACT Limited
- (v) Director (Finance), Bharat Sanchar Nigam Limited,

Presently (October, 2019), there are 180 scheduled CPSEs, i.e. 65 Schedule 'A', 66 Schedule 'B', 44 Schedule 'C' and 5 Schedule 'D' CPSEs. 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 the 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.

As per direction of ACC, the following instructions were issued to Administrative Ministries/Department for information and compliance.

"Prior concurrence of DPE and PESB in order to fill up a board level post by the Search-cum-Selection Committee mode instead of the standard PESB route to be dispensed with. Such proposals for exemption may be considered directly by the ACC without routing them through DPE and/or PESB, provided that the concerned administrative Ministry records the reasons in writing with the approval of the Minister-in-charge, as to why such exemption is being proposed".

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, provide that outside professionals should be inducted on the Boards of CPSEs in the form of part-time non-official Directors and that the number of such Directors should be at least 1/3rd 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 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, viz. Smt. Pratima Dayal & Prof. Ravichandran Narasimhan. The concerned Administrative Ministry/Department appoints the non-official Directors on the basis of recommendations of Search Committee after obtaining the approval of competent authority. During the year 2018-19, the Search Committee held 4 meetings and recommended names for filling up 172 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 organized following seven 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. One day programme on 17th May, 2018 at Delhi attended by 35 Government Directors of various CPSEs.
- ii. Two day programme on 18th & 19th June, 2018 at Ranchi attended by 28 non-official Directors of various CPSEs.
- iii. Two day programme on 17th & 18th September, 2018 in Mysuru attended by 24

Non-official Directors of various CPSEs.

- iv. Two day programme on 17th & 18th September, 2018 in IICA Manesar attended by 16 Government Directors of various CPSEs.
- v. Two day programme on 17th & 18th December, 2018 in Dibrugarh attended by 14 Non-official Directors of various CPSEs.
- vi. Two day programme on 17th & 18th January, 2019 in Puducherry attended by 14 Government Directors of various CPSEs.
- vii. Two day programme on 17th & 18th February, 2019 in Guwahati attended by 72 Non-official Directors of various CPSEs.

DPE hosted a seven-member delegation from State-owned Assets Supervision and Administration Commission of the State Council (SASAC), People's Republic of China led by Ms. Huang Danhua, Vice Chairman. The visiting delegation interacted with senior officials of DPE.

DPE organized first ever CPSE Conclave on 9th April, 2018 at Vigyan Bhavan, New Delhi in which functional, government and non-official Directors of all CPSEs participated. This event was the culmination of consultative exercise undertaken as per directions of Prime Minister's Office/Cabinet Secretariat for redefining the role and functioning of CPSEs in the context of broad Vision of New India 2022. The event was inaugurated by Cabinet Secretary and presentations on best practices in CPSEs relating to fields of (i) Human Resources Management, (ii) Aligning CPSEs with national priorities, (iii) Contracts Management, (iv) Corporate Social Responsibility, (v) Turnaround of sick/loss making CPSEs, (vi) Start up India, and (vii) Synergy between CPSEs were made in the morning session. In the afternoon session, five thematic presentations on (i) Corporate Governance in the new age, (ii) People First: Reinventing Human Resource Management, (iii) Financial re-engineering, (iv) Innovation, R&D and Technology for the future, and (v) Vision New India 2022 were made before the Hon'ble Prime Minister outlining the broad recommendations emerging from consultative exercise coordinated by DPE with various stakeholders. A film on CSR initiatives of CPSEs was also shown in the event. Hon'ble Prime Minister addressed the participants on this occasion.

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 these 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 3 months and at least 4 such meetings held in a year and all

relevant information is to be given to the Board. Further, the Board should lay down code of conduct for all members and senior management. In this regard, a model Code has been incorporated in the Guidelines to assist the CPSEs. The Guidelines inter alia provide that the Board should ensure integration and alignment of risk management system and the company should undertake suitable training programmes for its new Board members.

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 company and is required to meet at least 4 times in a year.

5.4.3 Nomination and Remuneration Committee (NRC)

This provision requires each CPSE to constitute a NRC with minimum three Directors, all of whom shall be Non-Executive Directors. Further, this Committee should be headed by an Independent Director. This committee has been given powers to decide the annual bonus/variable pay pool and policy for its distribution across the executives and non-unionized supervisors, within the prescribed limit.

5.4.4 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.

5.4.5 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.

5.4.6 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 issued revised format for grading of CPSEs on the basis of their compliance with guidelines on Corporate Governance aligning with Companies Act, 2013 and grading of CPSEs on the basis of their compliance with Guidelines on Corporate Governance for CPSEs for the year 2018-19 finalized. 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 348 CPSEs (excluding Banks, Insurance Companies and newly set up CPSEs), with approximately 10.33 lakh workmen, clerical staff and executives as on 31.03.2019 under the administrative control of the Central Government. Of this, about 10.05 lakhs 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 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 OM's 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 & 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 to Rs. 2,00,000 to 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 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 Rs 20.00 Lac w.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) Enhanced allowances would be effective from the date of issue of Presidential Directive. Similarly Presidential Directives would be issued by the Administrative Ministry/ Department after every three years having reviewed the implementation of the wage revision guidelines.
- (xii) 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's dated 21.05.2018 and 04.07.2019 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 22.07.2019 has conveyed the decision of the Government regarding eligibility of pay, allowances, status, benefit, perks and

perquisites of CVOs posted in CPSEs etc.

- (ii) DPE vide OM dated 17.09.2019 also updated the pay fixation examples for Board level Executives of CPSEs in view of the current 2017 pay scales.

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 2019, approximately 6.28 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 15,14,064 people as on 31.03.2019 as against 15,54,967 as on 31.03.2018. 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
			31.03.18	31.03.19	
1	Managerial/ Executives		2,67,752	2,70,393	0.99
2	Supervisors	Unionised	79,076	82657	4.53
		Non-Unionised	29,317	23582	(19.56)
3	Non-Executives	Skilled	5,20,938	474679	(8.88)
		Unskilled	1,90,938	181535	(4.92)
4	Casual/ Daily Rated Workers		32,184	30901	(4.00)
5	Contract Workers/ Employees		4,34,762	450317	3.58
	Total		15,54,967	15,14,064	(2.63)

As seen from the above table, there is a reduction of 40,903 employees (2.63%) in total number of people employed by CPSEs including casual and contract employees.

5.6.1 Cognate Group-wise employment

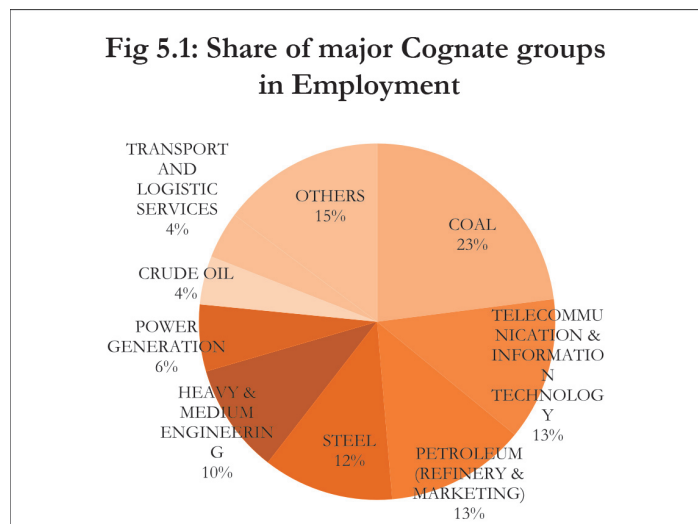
The cognate group-wise breakup of Total Employees as on 31.03.2019 is given below at table 5.2.

Cognate Groups such as Coal, Telecommunications and Information Technology, Petroleum, Steel and Heavy & Medium Engineering led the CPSEs in terms of the total workforce. The cognate groups such as Chemicals and Pharmaceuticals, Hotel & Tourist Services, Financial Services and Agro-based Industries have lowest number of employees.

Table 5.2: Cognate group-wise Employment									
Sll. 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	265	0	152	1176	577	221	332	2723
2	Coal	15997	35011	435	113784	116251	15365	50131	346974
3	Crude Oil	23445	3083	0	10203	3500	240	26051	66522
4	Other Minerals & Metals	5369	1327	736	11962	9349	112	26483	55338
5	Steel	18207	6147	73	59242	7787	461	87199	179116
6	Petroleum (Refinery & Marketing)	32257	5503	0	19730	2764	26	131709	191989
7	Fertilizers	3943	807	633	3597	427	340	5823	15570
8	Chemicals & Pharmaceuticals	1746	218	524	1761	810	56	1091	6206
9	Heavy & Medium Engineering	34397	1083	8320	53032	2587	3075	49247	151741

10	Transportation Vehicle & Equipment	2159	2625	0	2241	160	0	5069	12254
11	Industrial And Consumer Goods	1499	993	999	7008	16745	900	3635	31779
12	Textiles	1714	343	147	6824	1204	3086	1518	14836
13	Power Generation	27755	374	2833	24543	3022	610	32341	91478
14	Power Transmission	4792	0	2765	2224	73	0	890	10744
15	Trading & Marketing	6891	15230	126	3287	581	255	747	27117
16	Transport And Logistic Services	23950	5217	1190	13363	7577	756	12425	64478
17	Contract & Construction And Tech. Consultancy Services	10807	4228	3133	5993	1757	299	10060	36277
18	Hotel And Tourist Services	515	57	662	1481	349	192	246	3502
19	Financial Services	2131	386	128	192	192	52	284	3365
20	Telecommunication & Information Technology	51296	0	635	132617	5819	4855	464	195686
21	Enterprises Under Construction	1258	25	91	419	4	0	4572	6369
	Grand Total :	270393	82657	23582	474679	181535	30901	450317	1514064

The percentage share of major cognate groups in terms of no. of people employed is given in the graph (fig. 5.1) below:-



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.

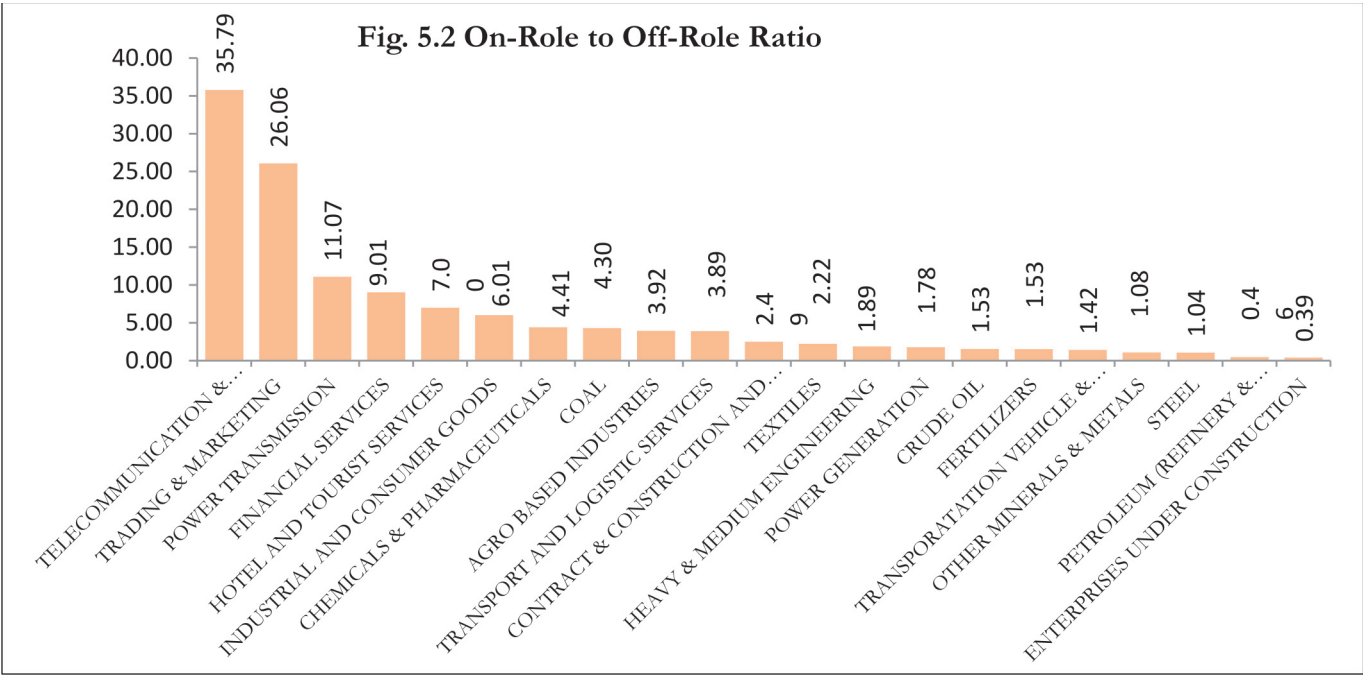
Composition of On-role and Off-role Employees is given in the table 5.3 below:-

Table 5.3: Composition of on role and off role employees					
Sl.	Particulars	No. of employees (As on)			
No.		31.03.18	% Share	31.03.19	%Share
1	On-Role Employees	10,88,021	70	10,32,846	68
2	Off-Role Employees	4,66,946	30	4,81,218	32
	Total	15,54,967	100	15,14,064	100

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 5319 of the 1,95,686 employees are casual and contractual employees, while the rest are on roles. The ratio is also high for sectors such as trading and marketing, power

transmission, financial services etc. On the other hand, contractual employees are predominant in CPSEs in sectors such as Petroleum (Refinery& Marketing), Steel, Other Mineral & Metals, Transportation Equipment, fertilizer, Crude Oil etc.

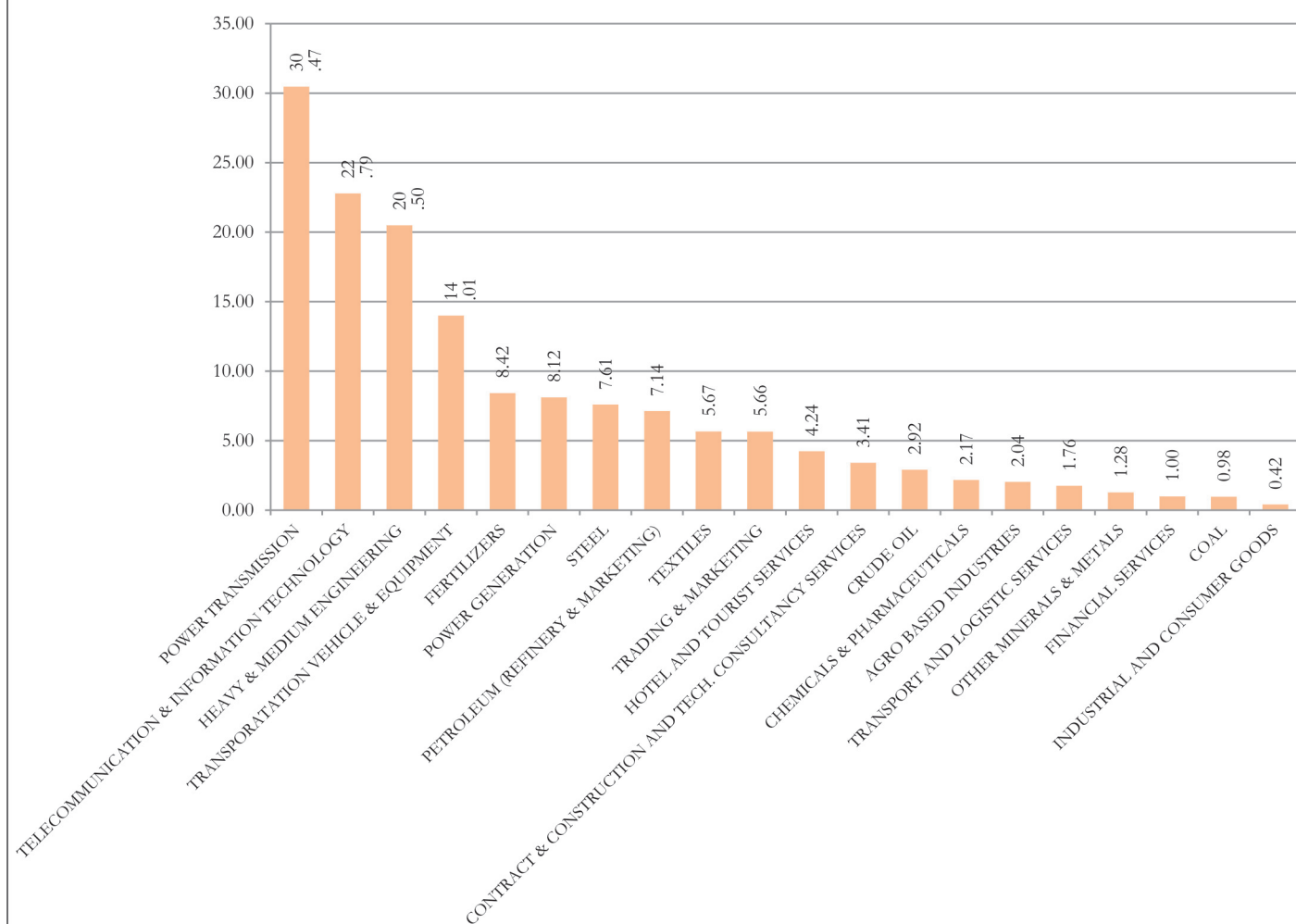
The on-role to off-role ratio of different cognate groups is given in the graph (fig. 5.2) below:-



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 2.61. While CPSEs in cognate groups such as Power Transmission, Telecommunication and Information

Technology and Heavy and Medium Engineering sectors have shown ratio of more than 20, CPSEs in Cognate Groups such as Transport and Logistic Services, Other Minerals & Metals, Financial Services, Coal and Industrial and Consumer Goods have shown ratio of less than 2, as given below at fig. 5.3:-

Fig 5.3. Ratio of Skilled and Unskilled employees

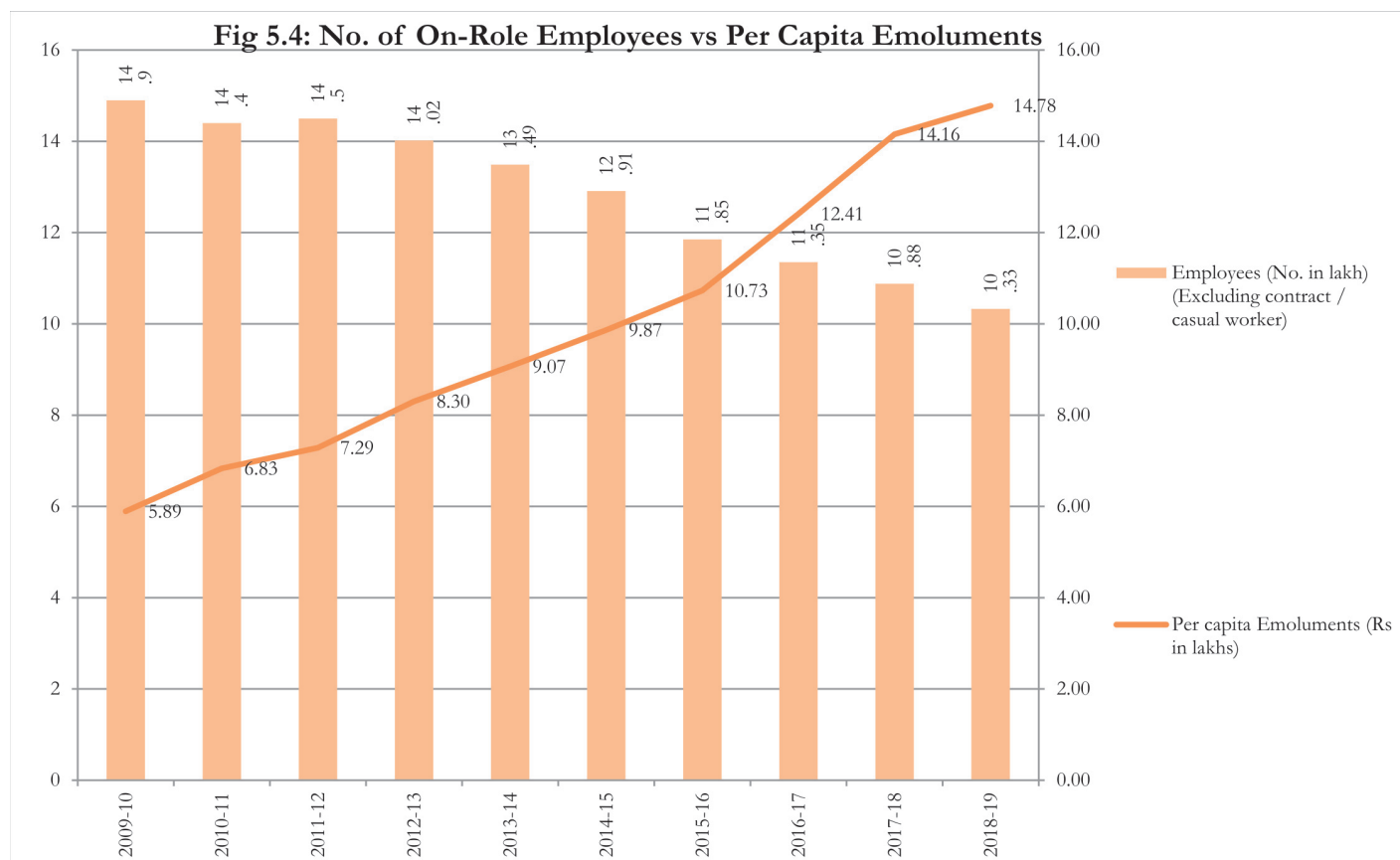


5.6.3 On-Role Employment (permanent employees) in CPSEs

As on 31.3.2019, CPSEs employed over 10.33 lakh people (excluding contract & casual workers). Around 3.53 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, on the other hand per capita emoluments has been increasing. The per capita emolument was Rs.5,89,210/- per annum during 2009-10 and has increased to Rs 14,78,280/- per annum during the year 2018-19. 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/Casual workers))	Total Emoluments (Rs. in Crore p.a)	Per Capita Emoluments (Rupees p.a)
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	153945	1415556
2018-19	10.33	152684	1478280



As seen from the above graph (fig. 5.4), there is a declining trend in the number of on-role employees, while per capital emoluments are on increasing trend during the last ten years.

5.6.4 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. Through OM dated 25.02.2015 DPE 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	
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%
Economically Weaker Section (EWSs)	10%

As per policy of reservation for 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 to be 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 & 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.

5.6.5 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.

5.6.6 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.

5.6.7 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.

5.6.8 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 31.3.2019 in CPSEs based on the information provided by 249 operating CPSEs is shown in Table 5.6 below:-

Table 5.6. : Representation of Ex-servicemen in Operating CPSEs

Group of Employees in CPSEs	Total No. of Employees	No. of ESM Employees	% of Total
Managerial/ Executives	269135	833	0.31
Supervisors	106123	1088	1.03
Workers	655791	4386	0.67
Total	1031049	6307	0.61

5.6.9 Status of Reservation in CPSEs

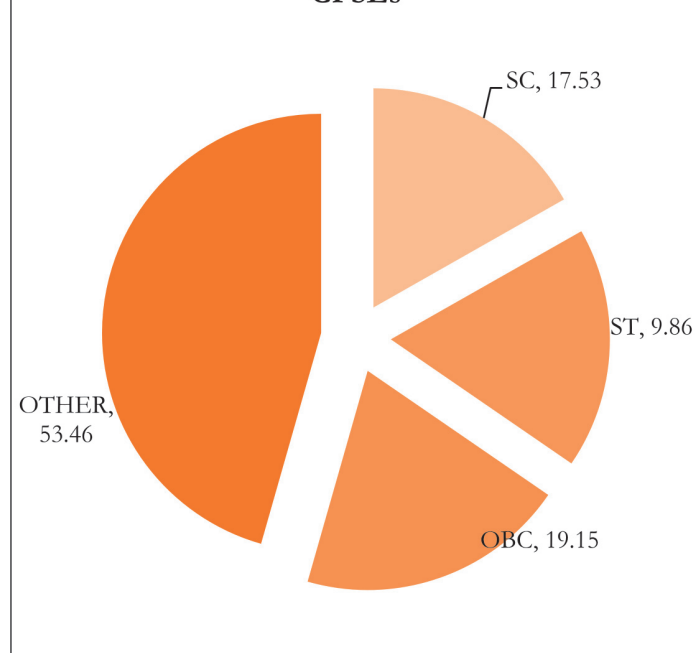
The representation of SCs / STs / OBC as on 31.3.2019 in CPSEs based on the information provided by 249 operating CPSEs is shown in Table 5.7 and fig. 5.5 below:-

Table 5.7 Representation of SCs / STs / OBC in CPSEs under different Ministries/Departments as on 31.03.2019

Group	Total No. of Employees	Total Reservation (5+7+9)	%	Representation of SCs /STs / OBCs in CPSEs as on 31.03.2019					
				SCs No.	%	STs No.	%	OBCs No.	%
			(3/2)						
Managerial/ Executives	269135	102888	38.23	41131	15.28	16571	6.16	45186	16.79
Supervisors	106123	42074	39.65	14903	14.04	8296	7.82	18875	17.79
Workers Skilled	474260	235648	49.69	90481	19.08	51046	10.76	94121	19.85
Workers Unskilled	181531	99226	54.66	34265	18.88	25715	14.17	39246	21.62
Total	1031049	479836	46.54	180780	17.53	101628	9.86	197428	19.15

Note: Details are at Statement No. 24 of Volume-1

Fig.5.5 Representation of SCs/STs/OBCs in employment of CPSEs



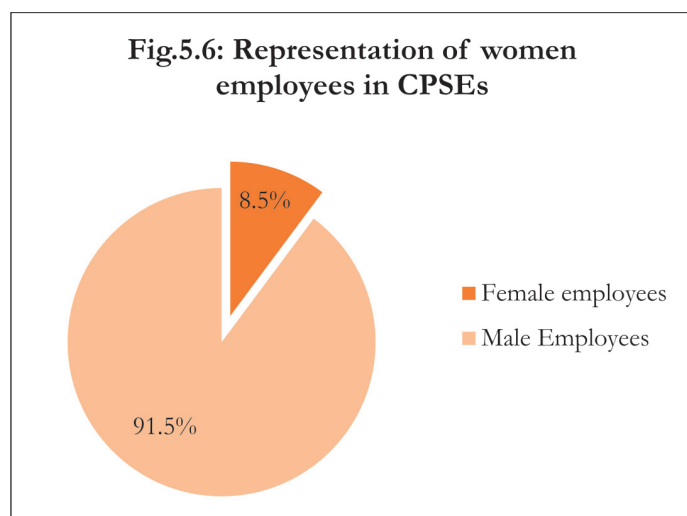
5.6.10 Women Employment in CPSEs:

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 8.5 % as on 31.03.2019.

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		
	2016-17	2017-18	2018-19	2016-17	2017-18	2018-19	2016-17	2017-18	2018-19
Managerial/ Executives	264648	265543	269135	28631	25931	27026	10.82	9.77	10.04
Supervisors	104404	108622	106123	10308	7706	6720	9.87	7.09	6.33
Workers	760209	712563	655791	76299	62968	53921	10.04	8.84	8.22
Total	1129261	1086728	1031049	115238	96605	87667	10.2	8.89	8.50

Fig.5.6: Representation of women employees in CPSEs

It is evident from the above table that Women employment in CPSEs during last three years has been between 8.5-10% 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.

5.6.11 Divyangjan Employment in CPSEs

All 249 operating CPSEs have employed 10,910 Divyangjan employees as on 31.03.2019. The

percentage of Divyangjan employees as a percentage of total employment is about 1% as on 31.3.2019. The numbers of Divyangjan employees in operating CPSEs in different groups / level such as managerial / executive level, supervisory level and workmen/clerical level during 2018-19 is shown in the Table 5.9 below:-

Table 5.9: Divyangjan Employment in CPSEs

	Total Employees	Total Divyangjan Employees	Divyangjan Employees as % of Total employees
Managerial/ Executives	269135	3283	1.22
Supervisors	106123	1101	1.04
Workers	655791	6526	1.00
Total	1031049	10910	1.06

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.

5.6.12 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 (DPE) 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. Separated employees of CPSEs to be brought into the mainstream economy and thereby contribute to national income.
- ii. Reorientation of VRS / VSS optees / dependents to enable them to adjust to new environment and adopt new vocations.
- iii. Skill development for VRS optees/ dependents for their redeployment.
- iv. Exposure to various industry associations, which is also a component of the CRR scheme, to help the trainees in product / service selection.
- v. Awareness of various Central and State Government loan assistance/ subsidized schemes.

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.

The target group of the CRR scheme is very unique and distinct from other skill development schemes of the Government. Mostly VRS/VSS optees are below 58 years of age. The program provisions that if the VRS optee does not want to come forward for training, the benefit of the scheme could be extended to VRS optee's dependent. The focus of the scheme is envisaged to extend the benefit to VRS/VSS optees, or to his/her dependent (one person per family) in lieu of eligible VRS optee.

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 2018-19, an allocation of Rs. 3.96 crore (RE) was made for the CRR scheme. The assigned target for coverage of 2000 VRS/VSS optees/ dependents has been achieved and 924 redeployed (self/ wage employment). Follow-up for redeployment of candidates is continuing. During the year, skill training was imparted at 15 locations by 4 empanelled Training Partners (TPs). Some of the trades of training include Domestic Data Entry Operator, Field Technician - Home Appliances, CCTV Installation Technician, Electrical Technician, Sales Associates/Executives, Assistant Catering Manager, Solar Panel Installation Technicians, Dairy Farming etc. Three Job fairs were held in Jharkhand and West Bengal. 238 candidates were offered jobs by nearly 20 companies.

Table 5.10: Details of training provided under CRR scheme

Year	No. of VRS optees trained
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
2018-19	2000
Total	48,052

A tripartite agreement has been signed for 2019-20 between Department of Public Enterprises (DPE), National Skill Development Fund (NSDF) under Ministry of Skill Development & Entrepreneurship (MSDE) and National Skill Development Corporation (NSDC) to provide skill training under National Skills Qualification Framework (NSQF) to employees of CPSEs who left service under voluntary retirement scheme (VRS) or their dependents; over a period of one year.

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 centers 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) Contribution to incubators funded by Central Government or State Government or any agency or Public Sector Undertaking of Central Government or State Government, and contributions to public funded Universities, Indian Institute of Technology (IITs), National Laboratories and Autonomous Bodies (established under the auspices of Indian Council of Agricultural Research (ICAR),

Indian Council of Medical Research (ICMR), Council of Scientific and Industrial Research (CSIR), Department of Atomic Energy (DAE), Defence Research and Development Organization (DRDO), Department of Science and Technology (DST), Ministry of Electronics and Information Technology engaged in conducting research in science, technology, engineering and medicine aimed at promoting Sustainable Development Goals (SDGs). rural development projects.

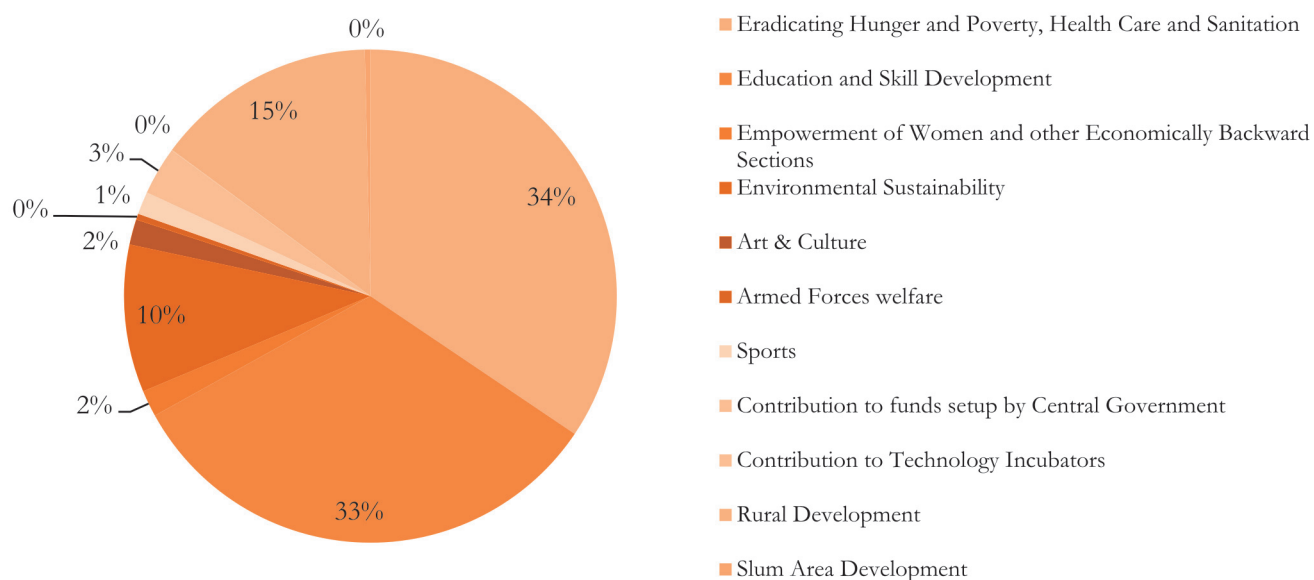
- (x) Rural development projects.
- (xi) Slum area development.
- (xii) Disaster management, including relief, rehabilitation and reconstruction activities.

5.7.3 CSR Expenditure by CPSEs during 2017-18

During the year 2018-19, 150 CPSEs have spent Rs. 3873.32 crore on CSR activities against the allocated amount of Rs. 5686.75 crore (including the amount carried forward from previous year). However, 2% of PBT for these CPSEs work out to Rs. 3620.47 crore. There are eight CPSEs namely, Bharat Coking Coal Ltd., Bhartiya Nabhikiya Vidyut Nigam Ltd., Broadcast Engineering Consultants India Ltd., HLL Lifecare Limited, MECON Ltd., Rashtriya Ispat Nigam Ltd., Steel Authority of India Ltd., Telecommunications Consultants India Ltd. and Western Coalfields Ltd., which had negative average Profit Before Tax (PBT) during last three years, but have incurred expenditure on undertaking CSR activities. In such cases, 2% of average PBT of last three years has been taken as 0.00. Details of CSR expenditure incurred by these CPSEs during the year 2018-19 are given in Table 5.11 and graph (fig 5.7)

Table 5.11: Activity wise CSR Expenditure (2018-19) (Rs. in Lakh)

Sl. No.	Sectors	Actual Expenditure
1	Eradicating Hunger and Poverty, Health Care and Sanitation	133383
2	Education and Skill Development	125941
3	Empowerment of Women and other Economically Backward Sections	6729
4	Environmental Sustainability	37455
5	Art & Culture	6460
6	Armed Forces welfare	1515
7	Sports	5754
8	Contribution to funds setup by Central Government	12296
9	Contribution to Technology Incubators	77
10	Rural Development	56326
11	Slum Area Development	1396
	Total	387332

Fig. 5.7: Activity wise CSR Expenditure for 2018-19

Details of the CSR expenditure incurred by these CPSEs during the year 2018-19 are given below:

Table 5.12: CSR expenditure by CPSEs during 2018-19

(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 EXPRESS LTD.	286.38	5.73	3.68	0.57	3.11
2	AIRPORTS AUTHORITY OF INDIA	4223.96	84.00	85.71	86.77	0.00
3	ANDREW YULE & COMPANY LTD.	9.57	0.19	0.19	0.09	0.10
4	ANTRIX CORPORATION LTD.	338.58	6.77	19.28	6.89	12.39
5	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	50.91	1.02	1.22	0.20	1.02
6	BALMER LAWRIE & CO. LTD.	240.60	4.81	5.15	5.16	0.00
7	BALMER LAWRIE INVESTMENTS LTD.	5.91	0.12	0.12	0.12	0.00
8	BEL OPTRONICS DEVICES LTD.	8.90	0.18	0.31	0.08	0.23
9	BEML LTD.	113.33	2.27	3.10	3.10	0.00
10	BHARAT COKING COAL LTD.	-594.22	0.00	29.16	1.43	27.73
11	BHARAT DYNAMICS LTD.	807.98	16.16	25.75	16.83	8.92
12	BHARAT ELECTRONICS LTD.	1771.37	35.43	79.03	36.86	42.17
13	BHARAT HEAVY ELECTRICALS LTD.	333.29	6.67	37.84	16.01	21.82
14	BHARAT PETROLEUM CORPN. LTD.	10165.92	203.32	350.19	177.94	172.25
15	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	-0.14	0.00	0.25	0.16	0.09
16	BHARTIYA RAIL BIJLEE CO. LTD.	14.74	0.29	0.35	0.01	0.34
17	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	33.93	0.68	0.92	0.50	0.42
18	BRIDGE & ROOF CO.(INDIA) LTD.	19.45	0.39	0.40	0.40	0.00
19	BROADCAST ENGG. CONSULTANTS INDIA LTD.	-0.73	0.00	0.04	0.00	0.04
20	CEMENT CORPN. OF INDIA LTD.	39.74	0.79	0.76	0.03	0.73
21	CENTRAL COALFIELDS LTD.	2278.65	45.57	88.16	41.14	47.02
22	CENTRAL ELECTRONICS LTD.	15.16	0.30	0.51	0.10	0.41
23	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	76.29	1.53	1.53	1.58	0.00
24	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	21.45	0.43	0.43	0.43	0.00

25	CENTRAL WAREHOUSING CORPN.	186.59	3.73	3.93	4.03	0.00
26	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	15.94	0.32	0.66	0.02	0.64
27	CHENNAI PETROLEUM CORPORATION LTD.	943.81	18.88	18.88	18.89	0.00
28	COAL INDIA LTD.	324.84	6.50	6.50	27.33	0.00
29	COCHIN SHIPYARD LTD.	507.65	10.15	10.15	10.41	0.00
30	CONCOR AIR LTD.	18.09	0.36	1.18	0.21	0.97
31	CONTAINER CORPORATION OF INDIA LTD.	1293.73	25.88	36.88	13.39	23.49
32	COTTON CORPN. OF INDIA LTD.	18.88	0.38	0.38	0.38	0.00
33	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	74.07	1.48	2.39	1.28	1.11
34	E. C. G. C. LTD.	308.17	6.16	7.00	7.58	0.00
35	EASTERN COALFIELDS LTD.	438.34	8.77	24.29	16.46	7.83
36	ELECTRONICS CORPN. OF INDIA LTD.	82.91	1.66	1.73	1.36	0.37
37	ENGINEERS INDIA LTD.	490.53	9.81	31.06	10.04	21.02
38	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	49.63	0.99	0.99	0.70	0.29
39	FERRO SCRAP NIGAM LTD.	27.26	0.55	0.65	0.67	0.00
40	GAIL (INDIA) LTD.	4360.50	87.21	119.92	119.29	0.63
41	GAIL GAS LTD.	92.72	1.85	1.85	1.73	0.12
42	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	132.34	2.65	2.68	2.68	0.00
43	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	5.82	0.12	0.12	0.12	0.00
44	GOA SHIPYARD LTD.	206.23	4.12	4.12	4.32	0.00
45	HIL (INDIA) LTD.	0.00	0.00	0.20	0.20	0.00
46	HINDUSTAN AERONAUTICS LTD.	3370.80	67.42	76.74	72.46	4.28
47	HINDUSTAN COPPER LTD.	85.16	1.70	2.57	2.08	0.49
48	HINDUSTAN FLUOROCARBONS LIMITED	0.00	0.00	0.00	0.04	0.00
49	HINDUSTAN PETROLEUM CORPN. LTD.	7942.93	158.86	158.86	159.81	0.00
50	HINDUSTAN SHIPYARD LTD.	0.00	0.00	0.00	0.03	0.00
51	HINDUSTAN STEELWORKS COSTN. LTD.	81.16	1.62	1.62	1.62	0.00
52	HLL INFRA TECH SERVICES LTD.	5.70	0.11	0.28	0.01	0.27
53	HLL LIFECARE LTD.	-22.47	0.00	0.00	0.23	0.00

54	HOUSING & URBAN DEV. CORPN. LTD.	1114.20	22.28	26.96	4.58	22.38
55	HSCC (INDIA) LTD.	67.08	1.34	1.34	1.34	0.00
56	I T I LTD.	31.67	0.63	0.00	0.64	0.00
57	INDIA TOURISM DEV. CORPN. LTD.	21.65	0.43	0.43	0.44	0.00
58	INDIA TRADE PROMOTION ORGANISATION	156.00	3.12	6.68	4.37	2.31
59	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	5.00	0.10	0.28	0.01	0.27
60	INDIAN OIL CORPORATION LTD.	24529.81	490.60	490.60	490.60	0.00
61	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	327.02	6.54	6.78	6.88	0.00
62	INDIAN RAILWAY FINANCE CORPORATION LTD.	2208.98	44.17	70.94	7.20	63.74
63	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	610.50	12.21	32.75	12.56	20.19
64	IRCON INFRASTRUCTURE & SERVICES LTD.	9.04	0.18	0.18	0.15	0.03
65	IRCON INTERNATIONAL LTD.	436.95	8.74	8.74	8.74	0.00
66	IRCON PB TOLLWAY LTD.	2.59	0.05	0.13	0.13	0.00
67	IREL (INDIA) LTD.	16.86	0.34	0.00	1.51	0.00
68	KAMARAJAR PORT LTD.	450.59	9.01	15.70	4.69	11.01
69	KANTI BIJLEE UTPADAN NIGAM LTD.	-0.93	0.00	0.00	5.09	0.00
70	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	33.49	0.67	0.67	0.63	0.04
71	KARNATAKA TRADE PROMOTION ORGANISATION	4.75	0.10	0.37	0.30	0.07
72	KIOCL LTD.	9.30	0.19	0.40	0.33	0.07
73	KONKAN RAILWAY CORPORATION LTD.	105.94	2.12	3.70	2.39	1.31
74	KUMARAKRUPPA FRONTIER HOTELS LTD.	11.59	0.23	0.23	0.00	0.23
75	M M T C LTD.	62.72	1.25	2.02	1.38	0.64
76	M S T C LTD.	99.95	2.00	2.00	2.00	0.00
77	MADRAS FERTILIZERS LTD.	0.00	0.00	0.00	0.11	0.00
78	MAHANADI COALFIELDLS LTD.	6817.80	136.36	136.36	167.16	0.00
79	MANGALORE REFINERY & PETROCHEMICALS LTD.	3352.86	67.06	90.63	31.32	59.31
80	MAZAGON DOCK SHIPBUILDERS LTD.	806.61	16.13	29.25	23.47	5.78
81	MECON LTD.	-73.05	0.00	5.44	0.17	5.27

82	MINERAL EXPLORATION CORPN. LTD.	142.52	2.85	3.30	2.77	0.53
83	MISHRA DHATU NIGAM LTD.	182.42	3.65	3.65	3.93	0.00
84	MOIL LTD.	400.57	8.01	9.00	9.30	0.00
85	MUMBAI RAILWAY VIKAS CORPORATION LTD.	21.74	0.43	0.82	0.77	0.05
86	NATIONAL ALUMINIUM COMPANY LTD.	1369.16	27.38	27.38	30.35	0.00
87	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	23.12	0.46	1.59	1.32	0.27
88	NATIONAL FERTILIZERS LTD.	313.05	6.26	10.18	2.29	7.89
89	NATIONAL FILM DEV. CORPN. LTD.	0.77	0.02	0.02	0.00	0.02
90	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	39.64	0.79	1.21	1.06	0.15
91	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	32.71	0.65	1.04	0.74	0.30
92	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	42.07	0.84	1.90	0.88	1.02
93	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	23.34	0.47	1.17	0.55	0.62
94	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	15.89	0.32	0.89	0.38	0.51
95	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	46.85	0.94	1.47	0.42	1.05
96	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	23.26	0.46	1.51	0.17	1.34
97	NATIONAL SEEDS CORPN. LTD.	61.48	1.23	2.22	1.49	0.73
98	NATIONAL SMALL INDUSTRIES CORPN. LTD.	157.64	3.15	3.15	3.18	0.00
99	NATIONAL TEXTILE CORPN. LTD.	0.00	0.00	0.00	0.02	0.00
100	NBCC (INDIA) LTD.	475.48	9.51	9.51	9.79	0.00
101	NBCC SERVICES LTD.	11.08	0.22	0.20	0.20	0.00
102	NEYVELI UTTAR PRADESH POWER LTD	0.00	0.00	0.00	1.91	0.00
103	NHDC LTD.	924.00	18.48	41.77	30.40	11.37
104	NHPC LTD.	3001.46	60.03	81.00	17.58	63.42
105	NLC INDIA LTD.	2258.63	45.17	49.46	49.46	0.00
106	NLC TAMIL NADU POWER LTD.	27.94	0.56	1.78	1.78	0.00
107	NMDC CSR FOUNDATION	0.00	0.00	0.00	1.94	0.00
108	NMDC Ltd.	4854.64	97.09	200.00	167.24	32.76

109	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	403.58	8.07	9.35	5.16	4.19
110	NORTHERN COALFIELDS LTD.	3772.01	75.44	75.44	73.57	1.87
111	NTPC LTD.	11850.34	237.01	237.01	285.46	0.00
112	NTPC VIDYUT VYAPAR NIGAM LTD.	97.80	1.96	2.14	0.09	2.05
113	NUCLEAR POWER CORPN. OF INDIA LTD.	3743.17	74.86	74.86	76.46	0.00
114	NUMALIGARH REFINERY LTD.	2717.81	54.36	54.36	54.85	0.00
115	OIL & NATURAL GAS CORPORATION LTD.	24010.39	480.21	1091.29	614.64	476.65
116	OIL INDIA LTD.	2808.13	56.16	133.39	133.39	0.00
117	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0.00	0.00	0.36	0.28	0.08
118	PAWAN HANS LTD.	0.00	0.00	0.60	0.48	0.12
119	PFC CONSULTING LTD.	66.52	1.33	1.39	1.33	0.06
120	POWER FINANCE CORPORATION LTD.	7407.42	148.15	279.38	100.50	178.88
121	POWER GRID CORPORATION OF INDIA LTD.	9336.05	186.72	310.10	195.51	114.59
122	POWER GRID WARORA TRANSMISSION LTD.	13.27	0.27	0.27	0.27	0.00
123	POWER SYSTEM OPERATION CORPORATION LTD.	68.00	1.36	1.36	1.36	0.00
124	POWERGRID KALA AMB TRANSMISSION LTD.	3.54	0.07	0.07	0.07	0.00
125	POWERGRID UNCHAHAR TRANSMISSION LTD.	2.48	0.05	0.05	0.05	0.00
126	POWERGRID VIZAG TRANSMISSION LTD.	18.64	0.37	0.37	0.37	0.00
127	PROJECTS & DEVELOPMENT INDIA LTD.	0.00	0.00	0.04	0.04	0.00
128	RAIL VIKAS NIGAM LTD.	468.75	9.37	9.37	11.48	0.00
129	RAILTEL CORPORATION INDIA LTD.	193.33	3.87	7.31	3.03	4.28
130	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	24.26	0.49	0.55	0.55	0.00
131	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	13.79	0.27	0.33	0.29	0.04
132	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	191.97	3.84	3.84	3.88	0.00
133	RASHTRIYA ISPAT NIGAM LTD.	-1588.85	0.00	11.90	10.30	1.60
134	REC LTD.	7864.41	157.29	346.56	103.39	243.17
135	REC POWER DISTRIBUTION CO. LTD.	56.84	1.14	1.95	0.82	1.13

136	REC TRANSMISSION PROJECTS CO. LTD.	46.50	0.93	1.43	0.28	1.15
137	RITES LTD.	505.66	10.11	10.11	10.23	0.00
138	SAIL REFRACTORY COMPANY LTD.	28.00	0.56	0.56	0.56	0.00
139	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	533.03	10.66	10.66	3.90	6.76
140	SHIPPING CORPORATION OF INDIA LTD.	209.99	4.20	8.36	5.66	2.70
141	SJVN LTD.	1742.50	34.85	34.85	40.25	0.00
142	SOLAR ENERGY CORPORATION OF INDIA	69.00	1.38	1.38	1.13	0.25
143	SOUTH EASTERN COALFIELDS LTD.	4502.12	81.04	267.07	83.55	183.52
144	STEEL AUTHORITY OF INDIA LTD.	-4205.77	0.00	30.00	31.18	0.00
145	TAMIL NADU TRADE PROMOTION ORGANISATION	28.22	0.56	0.56	0.56	0.00
146	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	-39.40	0.00	1.16	0.53	0.63
147	THDC INDIA LTD.	867.58	17.35	17.35	17.52	0.00
148	THE JUTE CORPN. OF INDIA LTD.	19.55	0.39	0.43	0.24	0.19
149	WAPCOS LTD.	15.42	3.03	3.03	3.98	0.00
150	WESTERN COALFIELDS LTD.	-1085.56	0.00	9.65	4.25	5.40
	Total	173751.27	3620.47	5686.75	3873.32	1944.29

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 additional 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 upto E-9 level (E-6 for Navratna CPSEs).

C. Names of Maharatna CPSEs:

The Government has granted Maharatna status to eight CPSEs as on 31.12.2019 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.
- (ix) Hindustan Petroleum Corporation Limited
- (x) Power Grid Corporation of India Limited

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 to obtain technology and know-how, by purchase or other arrangements.

iii. Organization Restructuring:

The Navratna CPSEs have the powers to effect organizational restructuring including establishment of profit centers, opening of offices in India and abroad, creating new activity centers, etc.

iv. Human Resources Management:

The Navratna CPSEs have been empowered to create and wind up all posts up to E-6 level and make all appointments up to this level. The Boards of these CPSEs have been further 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, the Financial Directors and the concerned Functional Director(s) must be present when major decisions are taken, especially when they pertain to investments, expenditure or organizational/ capital restructuring.
- c) The decisions on such proposals should, preferably, be unanimous.
- d) In the event of any decision on important matters not being unanimous, a majority decision may be taken, but at least two thirds of the Directors should be present, including those mentioned in (b) above, when such a decision is taken. The objections, dissents, the reasons for over-ruling them and those for taking the decision should be recorded in writing and minuted.
- e) No financial support or contingent liability on the part of the Government should be involved.
- f) These CPSEs will establish transparent and effective systems of internal monitoring, including the establishment of an Audit Committee of the Board with membership of non-official Directors.
- g) All the proposals, where they pertain to capital expenditure, investment or other matters involving substantial financial or managerial commitments or where they would have a long term impact on the structure and functioning of the CPSE, should be prepared by or with the assistance of professionals and experts and should be appraised, in suitable cases, by financial institutions or reputed professional organizations with expertise in the areas. The financial appraisal should also preferably be backed by an involvement of the appraising institutions through loans or equity participation.
- h) The exercise of authority to enter into technology joint ventures and strategic alliances shall be in accordance with the Government

guidelines as may be issued from time to time.

- i) The Boards of these CPSEs should be restructured by inducting at least four non-official Directors as the first step before the exercise of the enhanced delegation of authority.
- j) These public sector enterprises shall not depend upon budgetary support or Government guarantees. The resources for implementing their programmes should come from their internal or through other sources, including the capital markets. However, wherever Government guarantee is required under the standard stipulations of external donor agencies, the same may be obtained from the Ministry of Finance through the administrative Ministry. Such Government guarantee shall not affect the Navratna status. Further, budgetary support to implement Government sponsored projects of national interest and Government sponsored Research & Development projects will not disqualify CPSEs from retaining their Navratna status. However, for such projects, investment decisions will be taken by the Government and not by the CPSE concerned.

C. Names of Navratna CPSEs:

There were sixteen Navratna CPSEs as on 31.3.2019, namely,

- (i) Bharat Electronics Limited
- (ii) Container Corporation of India Limited
- (iii) Engineers India Limited
- (iv) Hindustan Aeronautics Limited
- (v) Mahanagar Telephone Nigam Limited
- (vi) National Aluminium Company Limited
- (vii) National Buildings Construction Corporation Limited
- (viii) Neyveli Lignite Corporation Limited
- (ix) NMDC Limited
- (x) Oil India Limited
- (xi) Power Finance Corporation Limited
- (xii) Rashtriya Ispat Nigam Limited
- (xiii) Rural Electrification Corporation Limited
- (xiv) 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 I CPSEs: To establish joint ventures and subsidiaries in India with the stipulation that the equity investment of the CPSE in any one project should be limited to 15% of the networth of the CPSE or 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.

(vi) 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 73 Miniratna CPSEs (61 Category-I and 12 Category-II). The list of these 73 Miniratna CPSEs is enclosed at Annex 5.3.

5.9 MoU System in CPSEs

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	Year	No. of MoU's signed
2001-02	104	2010-11	198
2002-03	100	2011-12	197
2003-04	96	2012-13	196
2004-05	99	2013-14	197
2005-06	102	2014-15	214
2006-07	113	2015-16	215
2007-08	144	2016-17	231
2008-09	147	2017-18	196
2009-10	197	2018-19	165
		2019-20	144

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:-

- 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, 3 financial parameters have been prescribed for all CPSEs which total weightage of 50% except for CPSEs like BIRAC.
- 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.
- Chairman IMC is authorized to modify the parameters or weightages of parameters in sector specific cases, if justified.

Institutional Arrangements for Implementation of MoU Policy:

- High Power Committee (HPC) on MoU: The High Power Committee (HPC) on MoU is a Committee of Secretaries (COS) set up by the Government as the Apex body for Central Public Sector Enterprises (CPSEs) to assess the performance of MoU signing CPSEs with reference to the commitments made by them in the MoU, HPC is headed by the Cabinet Secretary and comprises of following members:
 - Finance Secretary, Secretary (Expenditure)
 - CEO (NITI Aayog)
 - Secretary (Statistics & Programme Implementation)
 - Chairman, Public Enterprises Selection Board
 - Chief Economic Advisor, Department of Economic Affairs

- vi. Chairman, Tariff Commission and
 - vii. Secretary (PE). The HPC on MoU gives guidance and directions with respect to the determination of the principles and parameters for evaluating the performance of CPSEs.
- (b) **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), DPE and representative from Ministry of Statistics and Programme Implementation (MoSPI).
- (c) **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 senior representative (Member), Additional Secretary, NITI Aayog or his senior 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. Administrative Ministry/Department would ensure that the targets are realistic, growth oriented, aspirational and consistent with the latest Annual report, Budget and Corporate plan of the CPSEs.

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

2. 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 issued from time to time for CSR Expenditure by CPSEs.
- 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

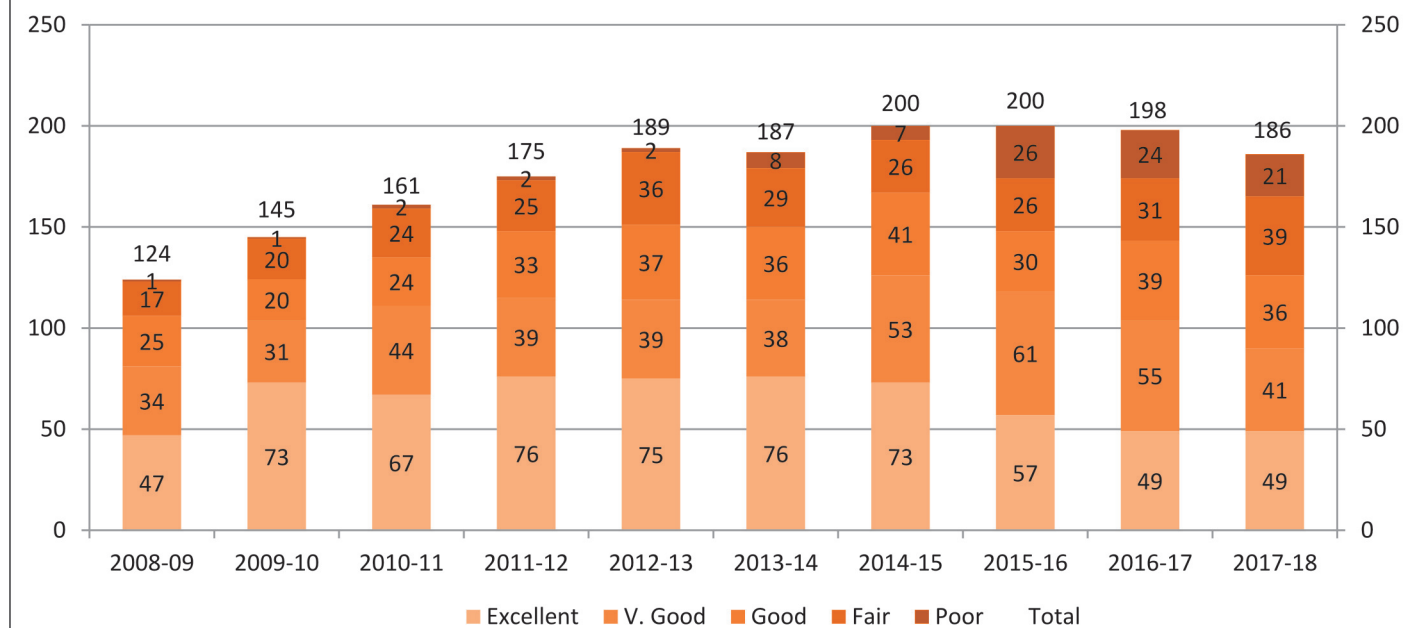
The year wise figures for signed MoU and evaluation for CPSEs is tabulated at table 5.14 below:

Table 5.14: Details of MoU evaluation									
Item	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Total MoUs Signed	198	197	196	197	214	215	231	196	165
Evaluation Report Submitted	101	175	189	187	200	200	198	186	149*

* Provisional

A comparison of the MoU ratings secured by the CPSEs in the last 10 years can be seen in Fig 5.8.

Fig 5.8: Comparison of MoU Ratings over the years



MoU Evaluation for the Year 2018-19 is under process.

Schedule - A

1. Airports Authority of India	36. Mumbai Railway Vikas Corporation Ltd.
2. Air India Ltd.	37. National Aluminium Company Ltd.
3. BEML Ltd.	38. NBCC (India) Ltd.
4. Bharat Electronics Ltd.	39. National Fertilizers Ltd.
5. Bharat Heavy Electricals Ltd.	40. NHPC Ltd.
6. Bharat Petroleum Corporation Ltd.	41. NMDC Ltd.
7. Bharat Sanchar Nigam Ltd.	42. National Textiles Corporation Ltd.
8. Central Warehousing Corporation	43. NTPC Ltd.
9. Coal India Ltd.	44. NLC India Ltd.
10. Container Corporation of India Ltd.	45. North Eastern Electric Power Corporation Ltd.
11. Dedicated Freight Corridor Corporation of India Ltd.	46. Oil & Natural Gas Corporation Ltd.
12. Electronics Corporation of India Ltd.	47. Oil India Ltd.
13. Engineers India Ltd.	48. ONGC Videsh Ltd.
14. Fertilizers & Chemicals (Travancore) Ltd.	49. Power Finance Corporation Ltd.
15. Food Corporation of India	50. Power Grid Corporation of India Ltd.
16. GAIL (India) Ltd.	51. Power System Operation Corporation Ltd.
17. Heavy Engineering Corporation Ltd.	52. RITES Ltd.
18. Hindustan Aeronautics Ltd.	53. RailTel Corporation of India Ltd.
19. Hindustan Copper Ltd.	54. Rail Vikas Nigam Ltd.
20. Hindustan Paper Corporation Ltd.	55. Rashtriya Chemicals and Fertilizers Ltd.
21. Hindustan Petroleum Corporation Ltd.	56. Rashtriya Ispat Nigam Ltd.
22. HMT Ltd.	57. Rural Electrification Corporation Ltd.
23. Housing & Urban Development Corporation Ltd.	58. SJVN Ltd.
24. I T I Ltd.	59. Security Printing & Minting Corporation of India Ltd.
25. Indian Oil Corporation Ltd.	60. Shipping Corporation of India Ltd.
26. IRCON International Ltd.	61. Solar Energy Corporation of India Ltd.
27. Indian Railway Finance Corporation Ltd.	62. State Trading Corporation of India Ltd.
28. Konkan Railway Corporation Ltd.	63. Steel Authority of India Ltd.
29. KIOCL Ltd.	64. Telecommunications Consultants (India) Ltd.
30. MMTC Ltd.	65. THDC India Ltd.
31. Mahanagar Telephone Nigam Ltd.	
32. Mangalore Refinery & Petrochemicals Ltd.	
33. Mazagon Dock Shipbuilders Ltd.	
34. MECON Ltd.	
35. MOIL Ltd.	

Schedule- B

1. Andrew Yule & Company Ltd.
2. Balmer Lawrie & Company Ltd.
3. Bharat Coking Coal Ltd.
4. Bharat Dynamics Ltd.

5. Bharat Petro Resources Ltd.
6. Bharat Pumps & Compressors Ltd.
7. Brahmaputa Crackers & Polymers Ltd.
8. Brahmaputra Valley Fertilizer Corporation Ltd.
9. Biotechnology Industry Research Assistance Council
10. Braithwaite & Company Ltd.
11. Bridge & Roof Company (India) Ltd.
12. British India Corporation Ltd.
13. Burn Standard Company Ltd.
14. Cement Corporation of India Ltd.
15. Central Coalfields Ltd.
16. Central Electronics Ltd.
17. Central Mine Planning & Design Institute Ltd.
18. Chennai Petroleum Corporation Ltd.
19. Cochin Shipyard Ltd.
20. Cotton Corporation of India Ltd.
21. Dredging Corporation of India Ltd.
22. Eastern Coalfields Ltd.
23. Engineering Projects (India) Ltd.
24. 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 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. Brithwaite Burn & Jessop Construction Company Ltd.
4. Bengal Chemicals & Pharmaceuticals Ltd.
5. BHEL Electric Machines Ltd.
6. Bharat Wagon & Engineering Company Ltd.
7. The 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. EdCIL (India) Ltd.
15. FCI Aravali Gypsum & Minerals (India) Ltd.
16. Ferro Scrap Nigam Ltd.
17. Hindustan Antibiotics Ltd.
18. HIL (India) Ltd.
19. Hindustan Photo Films Manufacturing Company Ltd.
20. Hindustan Prefab Ltd.
21. Hindustan Salts Ltd.
22. HMT Bearings Ltd.
23. HMT Chinara Watches Ltd.
24. Hooghly Dock and Port Engineers Ltd.
25. HSCC (India) Ltd.
26. Hotel Corporation of India Ltd.
27. The 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 Safai Karamcharis Finance & Development Corporation.
36. National Scheduled Castes Finance & Development Corporation
37. National Scheduled Tribes 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 Ltd.
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 2018-19

Ministry / Deptt.	Name of CPSE	Letter Received From	Grading for the year 2018-19
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 Ltd.		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 21 May, 2019)	Excellent
9	FCI Aravali Gypsum & Minerals (India) Ltd.	Ministry (No. 80/02/2013-HR-I Dated 21 May, 2019)	Excellent
10	Fertilizer Corpn. Of India Ltd.	Ministry (No. 80/02/2013-HR-I Dated 21 May, 2019)	Exempted (No Business Operations)
11	Fertilizers & Chemicals (Travancore) Ltd.	Ministry (No. 80/02/2013-HR-I Dated 21 May, 2019)	Excellent
12	Hindustan Fertilizer Corpn. Ltd.		Exempted (No Business Operations)
13	Madras Fertilizers Ltd.	Ministry (No. 80/02/2013-HR-I Dated 21 May, 2019)	Excellent
14	National Fertilizers Ltd.	Ministry (No. 80/02/2013-HR-I Dated 21 May, 2019)	Excellent
15	Projects & Development India Ltd.	Ministry (No. 80/02/2013-HR-I Dated 21 May, 2019)	Excellent
16	Rashtriya Chemicals And Fertilizers Ltd.	Ministry (No. 80/02/2013-HR-I Dated 21 May, 2019)	Excellent
Ministry of Chemicals & Fertilizers D/O Pharmaceuticals			
17	Bengal Chemicals & Pharmaceuticals Ltd.	Ministry (No. 51015/01/2019-PSU Dated 23th April, 2019)	Excellent

18	Hindustan Antibiotics Ltd.		Poor (Not Received)
19	IDPL(Tamilnadu) Ltd.		Poor (Not Received)
20	Indian Drugs & Pharmaceuticals Ltd.		Poor (Not Received)
21	Karnataka Antibiotics & Pharmaceuticals Ltd.	Ministry (No. 51015/01/2019-PSU Dated 25 July, 2019)	Excellent
22	Orissa Drugs & Chemicals Ltd.		Poor (Not Received)
23	Rajasthan Drugs & Pharmaceuticals Ltd.		Poor (Not Received)
Ministry of Civil Aviation			
24	AAI Cargo Logistics & Allied Services Company Ltd.		Poor (Not Received)
25	Air India Air Transport Services Ltd.	CPSE (No. HQ/AIATSL Dated 26.4.2019)	Good
26	Air India Engineering Services Ltd.		Poor (Not Received)
27	Air India Express Ltd.	CPSE (No. HQ/6/317 Dated 10.5.2019)	Very Good
28	Air India Ltd.	CPSE (No. HQ/28/37 Dated 8.5.2019)	Excellent
29	Airline Allied Services Ltd.	CPSE (No. HQ/AASL/18-19 Dated 10.5.2019)	Very Good
30	Airports Authority Of India	Ministry (No. AV-31017/9/2016-C&W/115568 Dated 30.7.2019)	Exempted
31	Chandigarh International Airport Ltd.	CPSE (Dated 2.8.2019)	Excellent
Ministry of Coal			
32	Bharat Coking Coal Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
33	Central Coalfields Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
34	Central Mine Planning & Design Institute Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
35	Chhattisgarh East Railways Ltd.		Under Construction
36	Chhattisgarh East-West Railways Ltd.		Under Construction
37	Coal India Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
38	Eastern Coalfields Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
39	Jharkhand Central Railway Ltd.		Under Construction
40	Mahanadi Basin Power Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Very Good
41	Mahanadi Coal Railway Ltd.		Under Construction
42	Mahanadi Coalfields Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
43	MJSJ Coal Ltd.		Under Construction
44	MNH Shakti Ltd.		Under Construction

45	Bharat Coking Coal Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
46	Central Coalfields Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
47	Neyveli Uttar Pradesh Power Ltd	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Very Good
48	NLC India Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
49	NLC Tamil Nadu Power Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Good
50	Northern Coalfields Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
51	South Eastern Coalfields Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Excellent
52	Western Coalfields Ltd.	Ministry (No. PCA-38022/1/2019-PCA Dated 20th June, 2019)	Very Good
Ministry of Commerce & Industry			
D/O Commerce			
53	E. C. G. C. Ltd.	Ministry (No. 11015/7/2017-E&MDA Dated 29th April, 2019)	Excellent
54	India Trade Promotion Organisation	Ministry (No. K-45011/5/2019-TP-DoC Dated 18th July, 2019)	Excellent
55	Karnataka Trade Promotion Organisation	CPSE (No.KTPO/ITPO/2018-19/34 Dated 10.4.2019)	Excellent
56	M M T C Ltd.	Ministry (No. 17/13/2015-FT(ST) Dated 21 May, 2019)	Excellent
57	P E C Ltd.	Ministry (No. 17/13/2015-FT(ST) Dated 21 May, 2019)	Excellent
58	State Trading Corpn. Of India Ltd.	Ministry (No. 17/13/2015-FT(ST) Dated 21 May, 2019)	Excellent
59	STCL Ltd.		Exempted (Under Closure)
60	Tamil Nadu Trade Promotion Organisation		Poor (Not Received)
Ministry of Communications & Information Technology			
D/O Electronics and Information Technology			
61	Jammu & Kashmir Development Finance Corporation Ltd		Poor (Not Received)
Ministry of Communications & Information Technology			
D/O Telecommunications			
62	Bharat Broadband Network Ltd.	Ministry (No. 20-1/2019-SU.II Dated 19.7.2019)	Excellent
63	Bharat Sanchar Nigam Ltd.		Excellent
64	Hemisphere Properties India Ltd.		Excellent

62	Bharat Broadband Network Ltd.	Ministry (No. 20-1/2019-SU.II Dated 19.7.2019)	Excellent
63	Bharat Sanchar Nigam Ltd.		Poor (Not Received)
64	Hemisphere Properties India Ltd.		Under Construction
65	I T I Ltd.	Ministry (No. 28/2014-FAC-II Dated 24 July, 2019)	Excellent
66	Mahanagar Telephone Nigam Ltd.	CPSE (No. MTNL/SECTT/DPE/2019 Dated 25.4.2019)	Excellent
Ministry of Consumer Affairs, Food & Public Distribution D/O Food & Public Distribution			
71	Central Railside Warehouse Co. Ltd.	Ministry (No. 9-36/2017-SG-I Dated 22 May, 2018)	Very Good
72	Central Warehousing Corpn.	Ministry (No. 9-36/2017-SG-I Dated 22 May, 2018)	Excellent
73	Food Corpn. Of India	Ministry (No. 18-24/2016-FC-I Dated 30.7.2019)	Excellent
Ministry of Defence D/O Defence Production			
74	Bel Optronics Devices Ltd.		Poor (Not Received)
75	Bel-Thales Systems Ltd.		Poor (Not Received)
76	BEML Ltd.	Ministry (14(8)/2016-D(BEML) Dated 5.8.2019)	Excellent
77	Bharat Dynamics Ltd.	Ministry (No. M0001(15)/91/2018-19-D(BDL) Dated 27th May, 2019)	Excellent
78	Bharat Electronics Ltd.	CPSE (No. 17545/3/GOV/MOD-CGRPT/SEC Dated 3.4.2019)	Excellent
79	Garden Reach Shipbuilders & Engineers Ltd.	Ministry (No. 11(11)/2019-Misc./D(NS) Dated 31st May, 2019)	Excellent
80	Goa Shipyard Ltd.	Ministry (No. 11(11)/2019-Misc./D(NS) Dated 31st May, 2019)	Excellent
81	Hindustan Aeronautics Ltd.	Ministry (No. 38011/1/2017-D(HAL-II) Dated 6th June, 2019)	Excellent
82	Hindustan Shipyard Ltd.	Ministry (No. 11(11)/2019-Misc./D(NS) Dated 12th June, 2019)	Excellent
83	Indo Russian Helicopters Ltd.		Under Construction
84	Mamc Industries Ltd.		Under Construction
85	Mazagon Dock Shipbuilders Ltd.	Ministry (No. 11(11)/2019-Misc./D(NS) Dated 31st May, 2019)	Excellent
86	Mishra Dhatu Nigam Ltd.	Ministry (No. 11(11)/2019-Misc./D(NS) Dated 31st May, 2019)	Excellent
87	Naini Aerospace Ltd.		Poor (Not Received)
88	Vignyan Industries Ltd.	Ministry (14(8)/2016-D(BEML) Dated 5.8.2019)	Excellent
Ministry of Development of North Eastern Region			
89	North Eastern Handicrafts & Handloom Dev.Corp. Ltd.	CPSE (No. HHDC/CO/CS/01/2016-17/ Dated 13.8.2019)	Very Good

90	North Eastern Regional Agri. Marketing Corp.Ltd.		Poor (Not Received)
Ministry Of Electronic & Information Technology			
91	National Informatics Centre Services Incorporated	CPSE (No. NICSI-CS/DPE/10-11/224/ Volume-VII Dated 24.05.2019)	Excellent
Ministry of Environment, Forests Climate Change			
92	Andaman & Nicobar Isl. Forest & Plant.Dev.Corp.Ltd		Exempted (Under Closure)
Ministry of Finance D/O Economic Affairs			
93	Security Printing & Minting Corpn. India Ltd.	Ministry (3/8/2010-SPMC Dated 28th May, 2019)	Excellent
Ministry of Finance D/O Financial Services			
94	IIFCL Asset Management Company Ltd.	Ministry (No. 18/18/2009-IF-I Dated 1.8.2019)	Exempted (SPV)
95	IIFCL rojects Ltd.	Ministry (No. 18/18/2009-IF-I Dated 1.8.2019)	Exempted (SPV)
96	India Infrastructure Finance Co. Ltd.	Ministry (No. 18/18/2009-IF-I Dated 1.8.2019)	Exempted (SPV)
Ministry of Health & Family Welfare D/O Health & Family Welfare			
97	Goa Antibiotics & Pharmaceuticals Ltd.	Ministry (No. A-45013/32/2017-HPE Dated 21/05/2019)	Good
98	HLL Biotech Ltd.	Ministry (No. A-45013/32/2017-HPE Dated 21/05/2019)	Good
99	HLL Infra Tech Services Ltd.	Ministry (No. A-45013/32/2017-HPE Dated 21/05/2019)	Good
100	HLL Lifecare Ltd.	Ministry (No. A-45013/32/2017-HPE Dated 21/05/2019)	Good
101	HLL Medipark Ltd		Under Construction
102	HLL Mother & Child Care Hospitals Ltd.		Under Construction
Ministry of Heavy Industries & Public Enterprises D/O Heavy Industries			
103	Andrew Yule & Company Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Excellent
104	Bharat Heavy Electricals Ltd.	Ministry (No. 12(11)/2015-PE-XI Dated 22.04.2019)	Excellent
105	Bharat Pumps & Compressors Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Very Good

106	Bhel Electrical Machines Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Good
107	Braithwaite Burn & Jessop Construction Company Ltd.	Ministry (No. 07(1)/2018-PE.III Dated 22.04.2019)	Excellent
108	Bridge & Roof Co.(India) Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Excellent
109	Cement Corpn. Of India Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Excellent
110	Engineering Projects (India) Ltd.	Ministry (No. 12-12/3/2017-TSW Dated 31.05.2019)	Excellent
111	Heavy Engineering Corpn. Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Excellent
112	Hindustan Cables Ltd.		Exempted (Under Closure)
113	Hindustan Newsprint Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Good
114	Hindustan Paper Corporation Ltd.		Exempted (Under Liquidation)
115	Hindustan Photo Films Manufacturing Co. Ltd.		Exempted (Under Liquidation)
116	Hindustan Salts Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Very Good
117	HMT (International) Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Excellent
118	HMT Bearings Ltd.		Exempted (Under Closure)
119	HMT Chinara Watches Ltd.		Exempted (Under Closure)
120	HMT Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Very Good
121	HMT Machine Tools Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Good
122	HMT Watches Ltd.		Exempted (Under Closure)
123	Hooghly Printing Company Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Company Merged
124	Instrumentation Ltd.		Poor (Not Received)
125	Jagdishpur Paper Mills Ltd.		Under Construction
126	Nagaland Pulp & Paper Company Ltd.		Exempted (No Business Operations)
127	NEPA Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Good
128	Rajasthan Electronics And Instruments Ltd.	Ministry (17(7)/2018-PE-VIII(15339) Dated 31st May, 2019)	Excellent
129	Richardson & Cruddas(1972) Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Good
130	Sambhar Salts Ltd.	Ministry (No. 2(5)/2019-Corporate Cell Dated 31.7.2019)	Very Good
131	Scooters India Ltd.	Ministry (No. 8(9)/2018-PE-VI Dated 24th April, 2019)	Fair

132	Tungabhadra Steel Products Ltd.		Exempted (Under Closure)
133	Yule Electrical Ltd.		Under Construction
134	Yule Engineering Company Ltd.		Under Construction
Ministry of Home Affairs			
135	Delhi Police Housing Corporation Ltd.	Ministry (No. 14014/01/2012-UTP Dated 24.7.2019)	Fair
Ministry of Housing & Urban Poverty Alleviation			
136	Hindustan Prefab Ltd.	Ministry (No. A-42013/168/2017-AA/E-9026460 Dated 13th June, 2019)	Excellent
137	Hindustan Steelworks Costn. Ltd.	Ministry (No. O-17034/41/2019-PS Dated July, 2019)	Excellent
138	Housing & Urban Dev. Corpn. Ltd.	Ministry (A-42012(11)/1/2017-AA-UD (E-9032168) Dated 14th April, 2019)	Excellent
139	NBCC (India) Ltd.	Ministry (No. O-17034/41/2019-PS Dated July, 2019)	Excellent
140	NBCC Engineering And Consultancy Ltd.	Ministry (No. O-17034/41/2019-PS Dated July, 2019)	Excellent
141	NBCC Environment Engineering Ltd.		Under Construction
142	NBCC International Ltd.		Under Construction
143	NBCC Services Ltd.	Ministry (No. O-17034/41/2019-PS Dated July, 2019)	Excellent
144	HSCC (India) Ltd.	CPSE (No.HSCC/Min/CGR/2019-20 Dated 15.4.2019)	Excellent
Ministry of Human Resource Development D/O Higher Education			
145	EdCIL(India) Ltd.	Ministry (No. 18-23/2019-TC Dated 16 April, 2019)	Excellent
Ministry of Information & Broadcasting			
146	Broadcast Engg. Consultants India Ltd.	Ministry (No. N-37024/6/2018-B(D) Dated 5.7.2019)	Excellent
147	National Film Dev. Corpn. Ltd.	Ministry (No. 202/2/2015-F(PSU) Dated 21 May, 2019)	Excellent
Ministry of Micro Small & Medium Enterprises			
148	National Small Industries Corpn. Ltd.	Ministry (No. A-53/2/2014-SME Dated 26 April, 2019)	Excellent
Ministry of Mines			
149	Hindustan Copper Ltd.	Ministry (No. 2/7/2018-Coord. Dated 30.7.2019)	Excellent
150	Mineral Exploration Corpn. Ltd.	Ministry (No. 2/7/2018-Coord. Dated 30.7.2019)	Excellent

151	National Aluminium Company Ltd.	Ministry (No. 2/7/2018-Coord. Dated 30.7.2019)	Excellent
Ministry of Minorities Affairs			
152	National Minorities Devp. & Finance Corporation	152	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
Ministry of New And Renewable Energy			
153	Indian Renewable Energy Devt. Agency Ltd.	Ministry (No. 340-17/2/2018-IREDA Dated 19th July, 2019)	Excellent
154	Solar Energy Corporation Of India	Ministry (No. 123/23/2017-NSM Dated 8th May, 2019)	Excellent
Ministry of Petroleum & Natural Gas			
155	Balmer Lawrie & Co. Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
156	Balmer Lawrie Investments Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
157	Bharat Petro Resources Jpda	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
158	Bharat Petro Resources Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
159	Bharat Petroleum Corpn. Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
160	BPCL-Kial Fuel Pvt. Ltd.		Under Construction
161	Certification Engineers International Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
162	Chennai Petroleum Corporation Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
163	Engineers India Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
164	Gail (India) Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
165	Gail Gas Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
166	Hindustan Petroleum Corpn. Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
167	HPCL Biofuels Ltd.	CPSE (No. Co. Secy./HBL/2019 Dated 30.4.2019)	Excellent
168	HPCL Rajasthan Refinery Ltd.		Under Construction
169	Indian Catalyst Pvt. Ltd.		Under Construction
170	Indian Oil Corporation Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
171	Mangalore Refinery & Petrochemicals Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
172	Numaligarh Refinery Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent

173	Oil & Natural Gas Corporation Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
174	Oil India International Ltd.		Under Construction
175	Oil India Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
176	ONGC Mangalore Petrochemicals Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
177	ONGC Videsh Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Excellent
178	Petronet Cck Ltd.	Ministry (No. CA-31037/3/2018-PNG (25877) Dated 05.07.2019)	Poor (Not Received)
179	Prize Petroleum Company Ltd.		Excellent
180	Visakhapatnam Port Logistics Park Ltd.		Under Construction
Ministry Of Power			
181	Ballabgarh - Gn Transmission Co. Ltd.		Under Construction
182	Bhartiya Rail Bijlee Co. Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
183	Bihar Infrapower Ltd.		Under Construction
184	Bihar Mega Power Ltd.		Under Construction
185	Bijawar-Vidarbha Transmission Ltd		Under Construction
186	Bundelkhand Saur Urja Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
187	Chandil Transmission Ltd.		Under Construction
188	Cheyur Infra Ltd.		Under Construction
189	Chhattishgarh Surguja Power Ltd.		Under Construction
190	Coastal Karnataka Power Ltd.		Under Construction
191	Coastal Maharashtra Mega Power Ltd.		Under Construction
192	Coastal Tamil Nadu Power Ltd.		Under Construction
193	Deoghar Infra Ltd.		Under Construction
194	Deoghar Mega Power Ltd.		Under Construction
195	Dingchang Transmission Ltd.		Under Construction
196	Dumka Transmission Ltd.		Under Construction
197	Ghatampur Transmission Ltd.		Under Construction
198	Ghogarpalli Integrated Power Company Ltd.		Under Construction
199	Grid Conductor Ltd.		Under Construction
200	Jharkhand Infrapower Ltd.		Under Construction
201	Kanti Bijlee Utpadan Nigam Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
202	Koderma Transmission Ltd.		Under Construction
203	Loktak Downstream Hydroelectric Corporation Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent

204	Mandar Transmission Ltd.		Under Construction
205	Medinipur-Jeerat Transmission Ltd.		Under Construction
206	Mohinder Garh-Bhiwani Transmission Ltd.		Under Construction
207	NHDC Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
208	NHPC Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
209	North Eastern Electric Power Corporation Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
210	NTPC Electric Supply Company Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
211	NTPC Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
212	NTPC Vidyut Vyapar Nigam Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
213	Odisha Infrapower Ltd.		Under Construction
214	Orissa Integrated Power Ltd.		Under Construction
215	Patratu Vidyut Utpadan Nigam Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
216	PFC Capital Advisory Service Ltd.		Exempted (Not a CPSE)
217	PFC Consulting Ltd.		Poor (Not Received)
218	PFC Green Energy Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
219	Power Grid Mithilanchal Transmission Ltd.		Under Construction
220	Power Equity Capital Advisors Pvt. Ltd.		Under Construction
221	Power Finance Corporation Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
222	Power Grid Corporation Of India Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
223	Power Grid Jabalpur Transmission Ltd.		Under Construction
224	Power Grid Parli Transmission Ltd.		Under Construction
225	Power Grid Southern Interconnector Transmission System Ltd.		Under Construction
226	Power Grid Vemagiri Transmission Ltd.		Under Construction
227	Power Grid Warora Transmission Ltd.		Exempted (SPV)
228	Power System Operation Corporation Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
229	Powergrid Kala Amb Transmission Ltd.		Exempted (SPV)

230	Powergrid Nm Transmission Ltd.		Exempted (SPV)
231	Powergrid Unchahar Transmission Ltd.		Exempted (SPV)
232	Powergrid Vizag Transmission Ltd.		Exempted (SPV)
233	REC Power Distribution Co. Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
234	REC Transmission Projects Co. Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
235	Rural Electrification Corpn. Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
236	Sakhigopal Integrated Power Company Ltd.		Under Construction
237	Shongtong Karcham Wangtoo Transmission Ltd		Under Construction
238	SJVN Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
239	SJVN Thermal Pvt. Ltd.		Under Construction
240	South-Central East Delhi Power Transmission Ltd.		Under Construction
241	Tanda Transmission Company Ltd.		Under Construction
242	Tatiya Andhra Mega Power Ltd.		Under Construction
243	THDC India Ltd.	Ministry (No. 5/18/2018-Coord dated 21 May, 2019)	Excellent
244	WR-NR Power Transmission Ltd		Under Construction
Ministry Of Railways			
245	Bharat Wagon & Engg. Co. Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Exempted (Under Closure)
246	Braithwaite & Co. Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent
247	Burn Standard Company Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Exempted (Under Closure)
248	CONCOR Air Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 31.05.2019)	Excellent
249	Container Corporation Of India Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent
250	Dedicated Freight Corridor Corp. Of India Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent
251	Fresh & Healthy Enterprises Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 31.05.2019)	Excellent
252	High Speed Rail Corporation Of India Ltd.	Ministry (No. 2019/PL/57/13 Dated 22.07.2019)	Exempted (No Business Operations)
253	Indian Railway Catering And Tourism Corpn. Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent
254	Indian Railway Finance Corporation Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent

255	IRCON Davanagere Haveri Highway Ltd.		Under Construction
256	IRCON Infrastructure & Services Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 31.05.2019)	Excellent
257	IRCON International Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent
258	IRCON Pb Tollway Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 31.05.2019)	Under Construction
259	IRCON Shivpuri Guna Tollway Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 31.05.2019)	Under Construction
260	Kolkata Metro Rail Corporation Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Very Good
261	Konkan Railway Corporation Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent
262	Mumbai Railway Vikas Corporation Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent
263	Punjab Logistic Infrastructure Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 31.05.2019)	Very Good
264	Rail Vikas Nigam Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent
265	Railtel Corporation India Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent
266	Railtel Enterprises Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 31.05.2019)	Fair
267	Railway Energy Management Company Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 31.05.2019)	Excellent
268	RITES Infrastructure Services Ltd.	Ministry (No. 2019/PL/57/13 Dated 22.07.2019)	Exempted (Under Liquidation)
269	RITES Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 30.05.2019)	Excellent
270	Sidcul Concor Infra Company Ltd.	Ministry (No. 2017/PL/57/07(Pt.) Dated 31.05.2019)	Very Good
Ministry Of Road Transport And Highways			
271	National Highways & Infrastructure Development Corpn. Ltd.	Ministry (A-12025/1/2018-NHIDCL-Cell Dated 6.8.2019)	Poor
Ministry Of Science & Technology			-
Dept. Of Biotechnology			-
272	Bharat Immunologicals & Biologicals Corp. Ltd.	Ministry (No. BT/AI/1403/2/2012 Dated 31.05.2019)	Good
273	Biotechnology Industry Research Assistance Council	Ministry (No. BT/AI/1403/2/2012 Dated 31.05.2019)	Excellent
274	Indian Vaccine Corp. Ltd.	Ministry (No. BT/PB/13020/3/2016 Dated 19.06.2019)	Poor

Ministry Of Science & Technology			-
Dept.Of Scientific & Industrial Research			-
275	Central Electronics Ltd.	Ministry (DSIR/PSU/5/2019-20 Dated 6.5.2019)	Excellent
276	National Research Development Corpn.	Ministry (DSIR/PSU/5/2019-20 Dated 6.5.2019)	Very Good
Ministry Of Shipping			-
277	Central Inland Water Transport Corpn. Ltd.		Exempted (Under Closure)
278	Cochin Shipyard Ltd.	Ministry (No. SY-11020/1/2016-CSL Dated 25th April, 2019)	Excellent
279	Dredging Corpn. Of India Ltd.	Ministry (No. SS-28036/8/2019-SU Dated 30th July, 2019)	Excellent
280	Hooghly Dock And Port Engineers Ltd.		Exempted (Under Liquidation)
281	Hoogly Cochin Shipyard Ltd.		Under Construction
282	Inland & Coastal Shipping Ltd.		Under Construction
283	Kamarajar Port Ltd.		Poor (Not Received)
284	Sagarmala Development Company Ltd.		Under Construction
285	Sethusamudram Corpn. Ltd.		Under Construction
286	Shipping Corporation Of India Ltd.	Ministry (No. SY-11020/1/2016-CSL Dated 25th April, 2019)	Excellent
Ministry Of Social Justice & Empowerment			-
Dept. Of Empowerment Of Persons With Disability			-
287	Artificial Limbs Mfg. Corpn. Of India	Ministry (No. 15(14)/2016/DDI Dated 21 May, 2019)	Excellent
288	National Handicapped Finance & Devpt. Corpn.	Ministry (No. 9-13/2019-Sch Dated 30 May, 2019)	Very Good
Ministry Of Social Justice & Empowerment			-
Dept. Of Social Justice & Empowerment			-
289	National Backward Classes Finance & Devp.Co.	CPSE (No. CS/CG/QTY/2018-19/173 Dated 11.4.2019)	Excellent
290	National Safai Karamcharis Finance & Devpt. Corpn	Ministry (No. 12011/04/2017-SCD-IV Dated 30.5.2019)	Excellent
291	National Scheduled Castes Finance & Devp. Corpn.	CPSE (No. NHFDC/SECY/190(part IV/) Dated 6.6.2019)	Excellent
Ministry Of Steel			-
292	Chhattisgarh Mega Steel Co. Ltd.		Under Construction
293	Eastern Investment Ltd.	Ministry (13(13)/2019 Dated 18.7.2019)	Fair
294	Ferro Scrap Nigam Ltd.	CPSE (No. FC/2191/2019 Dated 4.4.2019)	Excellent
295	J & K Mineral Development Corpn. Ltd.		Exempted (Under Closure)

296	Jharkhand Kolhan Steel Ltd.		Under Construction
297	Jharkhand National Mineral Devpt. Corporation Ltd.		Under Construction
298	Karnataka Vijay Nagar Steel Ltd.		Under Construction
299	KIOCL Ltd.	CPSE (No. S/BC/1(18-11)/2019/348 Dated 10.4.2019)	Excellent
300	M S T C Ltd.	Ministry (13(13)/2019 Dated 18.7.2019)	Excellent
301	Mecon Ltd.	Ministry (13(13)/2019 Dated 18.7.2019)	Excellent
302	Moil Ltd.	Ministry (13(13)/2019 Dated 18.7.2019)	Excellent
303	NMDC Ltd.	Ministry (13(13)/2019 Dated 18.7.2019)	Excellent
304	NMDC Power Ltd.		Under Construction
305	NMDC Steel Ltd.		Under Construction
306	NMDC-CMDC Ltd.		Under Construction
307	Orissa Mineral Development Company Ltd.	Ministry (13(13)/2019 Dated 18.7.2019)	Good
308	Rashtriya Ispat Nigam Ltd.	CPSE (No. CA-CG/18-19/ Dated 10.4.2019)	Excellent
309	Sail Refractory Company Ltd.		Poor (Not Received)
310	Steel Authority Of India Ltd.	Ministry (13(13)/2019 Dated 18.7.2019)	Excellent
311	The Bisra Stone Lime Company Ltd.	Ministry (13(13)/2019 Dated 18.7.2019)	Poor
Ministry Of Textiles			-
312	Birds Jute & Exports Ltd.		Exempted (Under Closure)
313	British India Corporation Ltd.		Exempted (No Business Operations)
314	Central Cottage Industries Corpn. Of India Ltd.	Ministry (No. 1/11/2018-CCIC dated 30th April, 2019)	Very Good
315	Cotton Corpn. Of India Ltd.		Poor (Not Received)
316	Handicrafts & Handloom Exports Corp. Of India Ltd.		Poor (Not Received)
317	National Handloom Development Corporation Ltd.	Ministry (No. 40/2(2)2015-DCH/ NHDC/CSR Dated 25th April, 2019)	Excellent
318	National Jute Manufactures Corporation Ltd.		Exempted (Under Closure)
319	National Textile Corpn. Ltd.	Ministry (No. 16/12/2016-NTC Dated 28th May, 2019)	Excellent
320	The Jute Corpn. Of India Ltd.	CPSE (No. JCI/Sect-CG/2018-19/19 Dated 3.4.2019)	Excellent
Ministry Of Tourism			-
321	Donyi Polo Ashok Hotel Ltd.	Ministry (No. 1/1/2018-PSU(T) Dated 31.7.2019)	Exempted (Not a CPSE)
322	India Tourism Dev. Corpn. Ltd.	Ministry (No. EON. PSU-1/28/2018-PSU Dated 11.4.2019)	Excellent
323	Kumarakruppa Frontier Hotels Ltd.	Ministry (No. 1/1/2018-PSU(T) Dated 31.7.2019)	Exempted (No Business Operations)

324	Pondicherry Ashok Hotel Corpn. Ltd.	Ministry (No. EON. PSU-1/28/2018-PSU Dated 11.4.2019)	Good
325	Punjab Ashok Hotel Company Ltd.	Ministry (No. 1/1/2018-PSU(T) Dated 31.7.2019)	Exempted (No Business Operations)
326	Ranchi Ashok Bihar Hotel Corpn. Ltd.	Ministry (No. 1/1/2018-PSU(T) Dated 31.7.2019)	Exempted (No Business Operations)
327	Utkal Ashok Hotel Corpn. Ltd.	Ministry (No. 1/1/2018-PSU(T) Dated 31.7.2019)	Exempted (No Business Operations)
Ministry Of Tribal Affairs			-
328	National Scheduled Tribes Finance & Devp. Corpn.	Ministry (No. 20025/07/2019-Livelihood Dated 13.06.2019)	Excellent
Ministry Of Water Resources, River Development & Ganga Rejuvenation			Under Construction
329	National Projects Construction Corpn. Ltd.	Ministry (No. U.13012/2/2019-PSU/25 Dated 27/5/2019)	Excellent
330	WAPCOS Ltd.	Ministry (No. U.13012/2/2019-PSU/25 Dated 27/5/2019)	Excellent
Dept. Of Atomic Energy			-
331	Anushakti Vidhyut Nigam Ltd.		Under Construction
332	Bharatiya Nabhikiya Vidyut Nigam Ltd.	Ministry (No. 4/2(37)/2018-PSU/ Dated 24/06/2019)	Very Good
333	Electronics Corpn. Of India Ltd.	Ministry (No. 4/2(37)/2018-PSU/ Dated 24/06/2019)	Very Good
334	Indian Rare Earths Ltd.	Ministry (No. 4/2(37)/2018-PSU/ Dated 24/06/2019)	Excellent
335	NPCIL- Indian Oil Nuclear Energy Corporation Ltd.		Under Construction
336	NPCIL- Nalco Power Company Ltd.		Under Construction
337	Nuclear Power Corpn. Of India Ltd.	Ministry (4/2(37)/2018-PSU/8/08 Dated 4.7.2019)	Excellent
338	Uranium Corporation Of India Ltd.	Ministry (No. 4/2(37)/2018-PSU/ Dated 24/06/2019)	Excellent
Dept. Of Space			-
339	Antrix Corporation Ltd.	Ministry (No. DS_6AB-3104/18/2018-SEC_6-DOC Dated 8 May, 2019)	Excellent

Miniratna Category - I CPSEs

1. Airports Authority of India
2. Antrix Corporation Ltd.
3. Balmer Lawrie & Co. Ltd.
4. Bharat Coking Coal Ltd.
5. Bharat Dynamics Ltd.
6. BEML Ltd.
7. Bharat Sanchar Nigam Ltd.
8. Bridge & Roof Company (India) Ltd.
9. Central Warehousing Corporation
10. Central Coalfields Ltd.
11. Central Mine Planning & Design Institute Ltd.
12. Chennai Petroleum Corporation Ltd.
13. Cochin Shipyard Ltd.
14. EdCIL (India) Ltd.
15. Kamarajar Port Ltd.
16. Garden Reach Shipbuilders & Engineers Ltd.
17. Goa Shipyard Ltd.
18. Hindustan Copper Ltd.
19. HLL Lifecare Ltd.
20. Hindustan Newsprint Ltd.
21. Hindustan Paper Corporation Ltd.
22. Housing & Urban Development Corporation Ltd.
23. HSCC (India) Ltd.
24. India Tourism Development Corporation Ltd.
25. Indian Rare Earths Ltd.
26. Indian Railway Catering & Tourism Corporation Ltd.
27. Indian Railway Finance Corporation Ltd.
28. Indian Renewable Energy Development Agency Ltd.
29. India Trade Promotion Organization
30. IRCON International Ltd.
31. KIOCL Ltd.
32. Mazagaon Dock Shipbuilders Ltd.
33. Mahanadi Coalfields Ltd.
34. MOIL Ltd.
35. Mangalore Refinery & Petrochemical Ltd.
36. Mineral Exploration Corporation Ltd.
37. Mishra Dhatu Nigam Ltd.
38. MMTC Ltd.
39. MSTC Ltd.
40. National Fertilizers Ltd.
41. National Projects Construction Corporation Ltd.
42. National Small Industries Corporation Ltd.
43. National Seeds Corporation
44. NHPC Ltd.
45. Northern Coalfields Ltd.
46. North Eastern Electric Power Corporation Ltd.
47. Numaligarh Refinery Ltd.
48. ONGC Videsh Ltd.
49. Pawan Hans Helicopters Ltd.
50. Projects & Development India Ltd.
51. Railtel Corporation of India Ltd.
52. Rail Vikas Nigam Ltd.
53. Rashtriya Chemicals & Fertilizers Ltd.
54. RITES Ltd.
55. SJVN Ltd.
56. Security Printing and Minting Corporation of India Ltd.
57. South Eastern Coalfields Ltd.
58. Telecommunications Consultants India Ltd.
59. THDC India Ltd.
60. Western Coalfields Ltd.
61. WAPCOS Ltd.

Miniratna Category-II CPSEs

62. Artificial Limbs Manufacturing Corporation of India

63. Bharat Pumps & Compressors Ltd.	69. HMT (International) Ltd.
64. Broadcast Engineering Consultants India Ltd.	70. Indian Medicines & Pharmaceuticals Corporation Ltd.
65. Central Railside Warehouse Company Ltd.	71. MECON Ltd.
66. Engineering Projects (India) Ltd.	72. National Film Development Corporation Ltd.
67. FCI Aravali Gypsum & Minerals India Ltd.	73. Rajasthan Electronics & Instruments Ltd.
68. Ferro Scrap Nigam Ltd.	

**STATEMENT
AND
APPENDICES**

Statement and Appendices

STATEMENTS	PAGE NO.	PARTICULARS
1	S-1 - S-8	NET PROFIT/LOSS IN CPSES UNDER DIFFERENT MINISTRIES DEPARTMENTS
2	S-9 - S-12	DIVIDEND DECLARED BY CPSES (COGNATE GROUP WISE)
3	S-13 - S-17	NET PROFIT OF PROFIT MAKING CPSES (COGNATE GROUP WISE)
4	S-18 - S-20	NET LOSS (-) OF LOSS MAKING CPSES (COGNATE GROUP WISE)
5	S-21 - S-22	CASH LOSS (-) OF LOSS MAKING CPSES DURING 2018-19
6	S-23	CPSE WISE NET PROFIT / LOSS(-) OF 'TAKEN OVER' SICK CPSES
7	S-24 - S-34	INVESTMENT (FINANCIAL) IN CENTRAL GOVERNMENT ENTERPRISES UNDER DIFFERENT MINISTRIES/DEPTTS. AS ON 31.3.2019
8	S-35 -S-45	DETAILS OF PARTICIPATION IN EQUITY OF PUBLIC ENTERPRISES BY DIFFERENT PARTIES AS ON 31.3.2019
9	S-46 - S-50	DETAILS OF SHORT TERM BORROWINGS(SECURED+UNSECURED) OF CPSES AS ON 31.3.2019
10	S-51 - S-55	DETAILS OF LONG TERM BORROWINGS(SECURED+UNSECURED) OF CPSES AS ON 31.3.2019
11	S-56 - S-114	STATE-WISE CPSES WITH GROSS BLOCK & EMPLOYMENT DURING THE LAST THREE YEARS
12	S-115 - S-120	RANKING OF CPSES IN TERMS OF PROFIT/LOSS BEFORE EXCEPTIONAL, EXTRAORDINARY ITEMS & TAX (PBEET) IN 2018-19
13	S-121 - S-125	RANKING OF CPSES IN TERMS OF GROSS TURNOVER / REVENUE IN 2018-19
14	S-126 - S-131	RANKING OF CPSES IN TERMS OF EMPLOYMENT IN 2018-19
15	S-132 - S-139	RANKING OF CPSES IN TERMS OF GROSS BLOCK IN 2018-19
16	S-140 - S-150	CAPACITY UTILISATION IN MANUFACTURING CPSES
17	S-151 - S-152	EXPENDITURE ON RESEARCH AND DEVELOPMENT IN CPSES
18	S-153 - S-158	COMPONENT OF INTERNAL RESOURCES OF CPSES GENERATED DURING 2018-19
19	S-159 - S-162	INTERNAL RESOURCES UTILIZED AS % OF FIXED ASSETS AS ON 31.3.2019
20	S-163 - S-168	FOREIGN EXCHANGE EARNINGS OF CPSES IN 2018-19
21	S-169 - S-175	NUMBER OF EMPLOYEES AND HOUSES CONSTRUCTED IN CPSES
22	S-176 - S-187	BREAK-UP OF TOTAL EMPLOYEES AS ON 31.3.2019
23	S-188	TOWNSHIP MAINTENANCE EXPENDITURE IN CPSES (COGNATE GROUP)
24	S-189 - S-206	REPRESENTATION OF SCS, STS AND OBCS IN THE CPSES UNDER DIFFERENT MINISTRIES/DEPARTMENTS AS ON 31.3.2019
25	S-207 - S-209	EQUITY PARTICIPATION BY UNDER CONSTRUCTION CPSES AS ON 31.3.2019
26	S-210 - S-213	PROCUREMENT FROM MICRO AND SMALL ENTERPRISES (MSES) BY CPSES DURING 2018-19
27	S-214 - S-221	CONTRIBUTION TO CENTRAL EXCHEQUER DURING 2018-19
APPENDICES		
I	S-223 - S-233	CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT MINISTRIES/DEPARTMENTS AS ON 31.3.2019
II	S-234 - S-243	CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT SECTORS/COGNATE GROUPS AS ON 31.3.2019
III	S-244 - S-253	CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT STATE/UNION TERRITORIES AS ON 31.3.2019
IV	S-254 - S-258	LIST OF IND-AS APPLICABLE CPSES
V	S-259	CENTRAL PUBLIC SECTOR ENTERPRISES WHOSE DATA HAS BEEN TREATED AS PROVISIONAL IN 2018-19
VI	S-260 - S-261	LIST OF UNDER CONSTRUCTION CPSES AS ON 31.3.2019
VII	S-262	LIST OF CPSES WHICH HAVE BEEN ADDED/ DELETED DURING THE YEAR 2018-19
VIII	S-263	LIST OF CPSES UNDER CLOSURE/UNDER LIQUIDATION
IX	S-264	GLOSSARY OF CERTAIN TERMS USED IN THIS REPORT

STATEMENT - 1
NET PROFIT / LOSS(-) IN CPSEs UNDER DIFERENT MINISTRIES / DEPARTMENTS

(₹ in Lakhs)

S. No.	Ministry / Deptt. / CPSE	2018-19	2017-18	2016-17
MINISTRY OF AGRICULTURE AND FARMERS WELFARE				
D/O AGRICULTURE COOPERATION AND FARMERS WELFARE				
1	NATIONAL SEEDS CORPN. LTD.	4132	2498	5180
SUB TOTAL :		4132	2498	5180
MINISTRY OF AGRICULTURE AND FARMERS WELFARE				
D/O AGRICULTURE RESEARCH AND EDUCATION				
2	AGRINNOVATE INDIA LTD.	192	158	211
SUB TOTAL :		192	158	211
MINISTRY OF AYUSH				
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	558	766	352
SUB TOTAL :		558	766	352
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O CHEMICALS & PETROCHEMICALS				
4	BRAHMAPUTRA CRACKERS & POLYMER LTD.	6937	-8039	-54741
5	HIL (INDIA) LTD.	362	341	326
6	HINDUSTAN FLUOROCARBONS LIMITED	170	-77	-385
7	HINDUSTAN ORGANIC CHEMICALS LTD.	5011	-20345	-25557
SUB TOTAL :		12480	-28120	-80357
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O FERTILIZER				
8	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	-6315	79	750
9	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2049	2703	3603
10	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	16314	-12906	-26268
11	HINDUSTAN FERTILIZER CORPN. LTD.	6434	2217	165
12	MADRAS FERTILIZERS LTD.	-8085	-4481	354
13	NATIONAL FERTILIZERS LTD.	29845	21277	20816
14	PROJECTS & DEVELOPMENT INDIA LTD.	3036	269	-1058
15	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	13917	7880	17926
16	THE FERTILIZER CORPN. OF INDIA LTD.	16478	11395	3010
SUB TOTAL :		73673	28433	19298
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O PHARMACEUTICALS				
17	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	4438	1006	451
18	HINDUSTAN ANTIBIOTICS LTD.	-7110	20832	-7824
19	IDPL (TAMILNADU) LTD.	-239	-239	-239
20	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	-16894	-15338
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1582	1174	3033
22	ORISSA DRUGS & CHEMICALS LTD.	0	78	78
23	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	-599	-599
SUB TOTAL :		-1329	5358	-20438
MINISTRY OF CIVIL AVIATION				
24	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	6090	15240	0
25	AIR INDIA AIR TRANSPORT SERVICES LTD.	6381	5385	3344
26	AIR INDIA ENGINEERING SERVICES LTD.	-18088	-49566	-51088
27	AIR INDIA EXPRESS LTD.	16439	21829	23696
28	AIR INDIA LTD.	-847480	-533774	-628154

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
29	AIRLINE ALLIED SERVICES LTD.	-29664	-27133	-28806
30	AIRPORTS AUTHORITY OF INDIA	227144	280164	311593
31	CHANDIGARH INTERNATIONAL AIRPORT LTD.	1873	1406	0
32	HOTEL CORPN. OF INDIA LTD.	-6863	-6032	-5957
33	PAWAN HANS LTD.	-6237	1929	25393
SUB TOTAL :		-650405	-290552	-349979
MINISTRY OF COAL				
34	BHARAT COKING COAL LTD.	28877	-139122	-16998
35	CENTRAL COALFIELDS LTD.	170447	80778	138711
36	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	17327	8083	3964
37	COAL INDIA LTD.	1046967	929342	1449909
38	EASTERN COALFIELDS LTD.	74877	-93117	613
39	MAHANADI COALFIELDLS LTD.	603954	476129	451297
40	NLC INDIA LTD.	126697	184878	236881
41	NLC TAMIL NADU POWER LTD.	27074	14633	7804
42	NORTHERN COALFIELDS LTD.	411128	268524	210109
43	SOUTH EASTERN COALFIELDS LTD.	361155	237025	203857
44	WESTERN COALFIELDS LTD.	26933	-175650	-77728
SUB TOTAL :		2895436	1791503	2608419
MINISTRY OF COMMERCE & INDUSTRY				
D/O PROMOTION OF INDUSTRY AND INTERNAL TRADE				
45	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	600	624	643
SUB TOTAL :		600	624	643
MINISTRY OF COMMERCE & INDUSTRY				
D/O COMMERCE				
46	E. C. G. C. LTD.	24438	6792	28214
47	INDIA TRADE PROMOTION ORGANISATION	7605	13441	17110
48	KARNATAKA TRADE PROMOTION ORGANISATION	699	2007	5316
49	M M T C LTD.	8143	4884	5706
50	P E C LTD.	-49965	-5695	-9284
51	STATE TRADING CORPN. OF INDIA LTD.	-88108	3886	-16582
52	STCL LTD.	-193	-65688	-56269
53	TAMIL NADU TRADE PROMOTION ORGANISATION	3502	3143	3156
SUB TOTAL :		-93879	-37230	-22633
MINISTRY OF COMMUNICATION				
D/O TELECOMMUNICATIONS				
54	BHARAT BROADBAND NETWORK LTD.	336	277	2285
55	BHARAT SANCHAR NIGAM LTD.	-1490424	-799285	-479321
56	I T I LTD.	9254	23056	26639
57	MAHANAGAR TELEPHONE NIGAM LTD.	-339020	-297303	-294108
58	MILLENNIUM TELECOM LTD.	64	53	40
59	TCIL BINA TOLL ROAD LTD.	-522	-511	-1046
60	TCIL LAKHNADONE TOLL ROAD LTD.	-6	-159	-464
61	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4390	4608	7082
SUB TOTAL :		-1815928	-1069264	-738893

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
MINISTRY OF COMMUNICATION				
D/O POST				
62	INDIA POST PAYMENT BANK LTD	0	0	222
SUB TOTAL :		0	0	222
MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION				
D/O FOOD & PUBLIC DISTRIBUTION				
63	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1488	1533	1268
64	CENTRAL WAREHOUSING CORPN.	16361	3188	23122
65	FOOD CORPN. OF INDIA	0	0	0
SUB TOTAL :		17849	4721	24390
MINISTRY OF DEFENCE				
D/O DEFENCE PRODUCTION				
66	BEL OPTRONICS DEVICES LTD.	1418	1155	484
67	BEL-THALES SYSTEMS LTD.	104	-259	-82
68	BEML LTD.	6349	12944	8445
69	BHARAT DYNAMICS LTD.	42259	52815	52406
70	BHARAT ELECTRONICS LTD.	192729	139929	154762
71	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	10994	9240	1147
72	GOA SHIPYARD LTD.	13152	21733	11740
73	HINDUSTAN AERONAUTICS LTD.	228244	198742	261563
74	HINDUSTAN SHIPYARD LTD.	3624	2099	5377
75	MAZAGON DOCK SHIPBUILDERS LTD.	51940	43993	54899
76	MISHRA DHATU NIGAM LTD.	13056	13126	12631
77	NAINI AEROSPACE LTD.	-1295	-1063	-174
78	VIGNYAN INDUSTRIES LTD.	-33	39	48
SUB TOTAL :		562541	494493	563246
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION				
79	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	-541	53	-306
80	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	-698	-662	-589
SUB TOTAL :		-1239	-609	-895
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY				
81	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	-8523	3104	6441
SUB TOTAL :		-8523	3104	6441
MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE				
82	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	0	-4970	-4970
SUB TOTAL :		0	-4970	-4970
MINISTRY OF FINANCE				
D/O FINANCIAL SERVICES				
83	IIFCL ASSET MANAGEMENT COMPANY LTD.	340	280	101
84	IIFCL PROJECTS LTD.	178	229	141
85	INDIA INFRASTRUCTURE FINANCE CO. LTD.	10243	-152647	6790
SUB TOTAL :		10761	-152138	7032
MINISTRY OF FINANCE				
D/O ECONOMIC AFFAIRS				
86	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	52787	61971	65241
SUB TOTAL :		52787	61971	65241
MINISTRY OF HEALTH & FAMILY WELFARE				
DEPARTMENT OF HEALTH AND FAMILY WELFARE				
87	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	-262	114	787
88	HLL BIOTECH LTD.	-4839	-4217	-481

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
89	HLL INFRA TECH SERVICES LTD.	2186	801	278
90	HLL LIFECARE LTD.	1847	-6958	-2538
91	HLL MOTHER & CHILD CARE HOSPITALS LTD.	-30	0	0
92	HSCC (INDIA) LTD.	4981	2358	3761
SUB TOTAL :		3883	-7902	1807

MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES

D/O HEAVY INDUSTRIES

93	ANDREW YULE & COMPANY LTD.	870	1712	3260
94	BHARAT HEAVY ELECTRICALS LTD.	121539	80660	49586
95	BHARAT PUMPS & COMPRESSORS LTD.	-3348	-4392	-8397
96	BHEL ELECTRICAL MACHINES LTD.	-546	-602	-424
97	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	36	239	1716
98	BRIDGE & ROOF CO.(INDIA) LTD.	3333	1657	1825
99	CEMENT CORPN. OF INDIA LTD.	635	1799	4233
100	ENGINEERING PROJECTS (INDIA) LTD.	-3303	14	269
101	HEAVY ENGINEERING CORPN. LTD.	-9367	44600	-8227
102	HINDUSTAN CABLES LTD.	5186	70616	234846
103	HINDUSTAN NEWSPRINT LTD.	-13186	-10165	-6015
104	HINDUSTAN PAPER CORPORATION LTD.	0	-37014	-37014
105	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	-340237	-291716
106	HINDUSTAN SALTS LTD.	126	184	40
107	HMT (INTERNATIONAL) LTD.	151	14	6
108	HMT BEARINGS LTD.	7924	-138	-366
109	HMT CHINAR WATCHES LTD.	0	2	91
110	HMT LTD.	1724	-716	-23949
111	HMT MACHINE TOOLS LTD.	-6383	-12925	-12759
112	HMT WATCHES LTD.	12128	-849	-20356
113	HOOGHLY PRINTING COMPANY LTD.	-308	-354	-35
114	INSTRUMENTATION LTD.	-9137	-9137	-9137
115	NAGALAND PULP & PAPER COMPANY LTD.	-1739	-1739	-1739
116	NEPA LTD.	-7779	3012	-6862
117	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1028	402	1215
118	RICHARDSON & CRUDDAS(1972) LTD.	1646	1646	1494
119	SAMBHAR SALTS LTD.	-1083	-258	-855
120	SCOOTERS INDIA LTD.	-463	-1862	-905
121	TUNGABHADRA STEEL PRODUCTS LTD.	0	-1143	40533
SUB TOTAL :		99684	-214974	-89642

MINISTRY OF HOME AFFAIRS

122	DELHI POLICE HOUSING CORPORATION LTD.	56	45	-19
SUB TOTAL :		56	45	-19

MINISTRY OF HOUSING & URBAN AFFAIRS

123	HINDUSTAN PREFAB LTD.	214	193	570
124	HINDUSTAN STEELWORKS COSTN. LTD.	3430	3576	~
125	HOUSING & URBAN DEV. CORPN. LTD.	118015	101018	84181
126	NBCC (INDIA) LTD.	38411	33361	35110
127	NBCC ENGINEERING AND CONSULTANCY LTD.	-153	-209	-17
128	NBCC SERVICES LTD.	863	697	681
SUB TOTAL :		160780	138636	120525

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
MINISTRY OF HUMAN RESOURCE DEVELOPMENT				
D/O HIGHER EDUCATION				
129	EdCIL(India) Ltd.	3008	3595	2845
SUB TOTAL :		3008	3595	2845
MINISTRY OF INFORMATION & BROADCASTING				
130	BROADCAST ENGG. CONSULTANTS INDIA LTD.	5	-428	204
131	NATIONAL FILM DEV. CORPN. LTD.	-6	1454	-191
SUB TOTAL :			1026	13
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES				
132	NATIONAL SMALL INDUSTRIES CORPN. LTD.	-7066	9927	10640
SUB TOTAL :		-7066	9927	10640
MINISTRY OF MINES				
133	HINDUSTAN COPPER LTD.	14551	7961	6194
134	MINERAL EXPLORATION CORPN. LTD.	10060	9837	10479
135	NATIONAL ALUMINIUM COMPANY LTD.	173240	134241	66853
SUB TOTAL :		197851	152039	83526
MINISTRY OF MINORITIES AFFAIRS				
136	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	5011	5377	4839
SUB TOTAL :		5011	5377	4839
MINISTRY OF NEW AND RENEWABLE ENERGY				
137	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	24413	37044	36502
138	SOLAR ENERGY CORPORATION OF INDIA	12940	6472	4650
SUB TOTAL :		37353	43516	41152
MINISTRY OF PETROLEUM & NATURAL GAS				
139	BALMER LAWRIE & CO. LTD.	18850	18482	17042
140	BALMER LAWRIE INVESTMENTS LTD.	7590	5364	3880
141	BHARAT PETRO RESOURCES LTD.	-4577	-15926	-20298
142	BHARAT PETROLEUM CORPN. LTD.	713202	797630	803930
143	BPCL-KIAL FUEL FARM PVT. LTD.	-119	-14	0
144	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	936	1245	1021
145	CHENNAI PETROLEUM CORPORATION LTD.	-21336	91292	102975
146	CREDA HPCL BIOFUEL LTD.	0	0	-375
147	ENGINEERS INDIA LTD.	37007	37787	32504
148	GAIL (INDIA) LTD.	602567	461841	350291
149	GAIL GAS LTD.	8094	8075	6502
150	HINDUSTAN PETROLEUM CORPN. LTD.	602866	635707	620880
151	HPCL BIOFUELS LTD.	-6755	-7785	-3072
152	INDIAN OIL CORPORATION LTD.	1689415	2134612	1910640
153	INDIAN OIL-CREDA BIOFUELS LTD.	0	0	-627
154	MANGALORE REFINERY & PETROCHEMICALS LTD.	33196	222412	364369
155	NUMALIGARH REFINERY LTD.	196810	204465	210057
156	OIL & NATURAL GAS CORPORATION LTD.	2671579	1994526	1789997
157	OIL INDIA LTD.	259014	266793	154868
158	ONGC MANGALORE PETROCHEMICALS LTD.	2289	-44711	-36619
159	ONGC VIDESH LTD.	167967	97962	75378
160	PETRONET CCK LTD.	0	5841	5841
161	PRIZE PETROLEUM COMPANY LTD.	502	-157	-1495
162	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	-557	-102	0
SUB TOTAL :		6978540	6915339	6387689

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
MINISTRY OF POWER				
163	BHARTIYA RAIL BIJLEE CO. LTD.	888	2721	766
164	KANTI BIJLEE UTPADAN NIGAM LTD.	9874	-18109	-2195
165	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	39	64	111
166	NHDC LTD.	49072	55318	93128
167	NHPC LTD.	263055	276903	279559
168	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	21394	27466	22598
169	NTPC ELECTRIC SUPPLY COMPANY LTD.	-9	0	-18
170	NTPC LTD.	1174989	1034317	938526
171	NTPC VIDYUT VYAPAR NIGAM LTD.	6556	6126	7644
172	PATRATU VIDYUT UTPADAN NIGAM LTD.	-138	3	-7
173	PFC CAPITAL ADVISORY SERVICE LTD.	0	38	106
174	PFC CONSULTING LTD.	2200	2688	5785
175	PFC GREEN ENERGY LTD.	0	3183	3015
176	POWER FINANCE CORPORATION LTD.	695292	438677	212639
177	POWER GRID CORPORATION OF INDIA LTD.	993855	824465	752015
178	POWER GRID JABALPUR TRANSMISSION LTD.	1014	0	0
179	POWER GRID PARLI TRANSMISSION LTD.	6501	0	0
180	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	-156	0	-2
181	POWER GRID WARORA TRANSMISSION LTD.	5967	2895	132
182	POWER SYSTEM OPERATION CORPORATION LTD.	4426	4762	3597
183	POWERGRID KALA AMB TRANSMISSION LTD.	1308	752	0
184	POWERGRID NM TRANSMISSION LTD.	-6356	-8314	-1895
185	POWERGRID UNCHAHAR TRANSMISSION LTD.	981	905	-6
186	POWERGRID VIZAG TRANSMISSION LTD.	10016	7767	-2194
187	REC LTD.	576372	441989	624576
188	REC POWER DISTRIBUTION CO. LTD.	2634	3494	4033
189	REC TRANSMISSION PROJECTS CO. LTD.	2460	3492	3446
190	SJVN LTD.	136429	122488	154414
191	THDC INDIA LTD.	125563	77116	71393
SUB TOTAL :		4084226	3311206	3171166
MINISTRY OF RAILWAYS				
192	BHARAT WAGON & ENGG. CO. LTD.	-142	-8015	-1434
193	BRAITHWAITE & CO. LTD.	786	260	-895
194	BURN STANDARD COMPANY LTD.	0	-3351	-3351
195	CONCOR AIR LTD.	4	1216	784
196	CONTAINER CORPORATION OF INDIA LTD.	121541	104446	85802
197	FRESH & HEALTHY ENTERPRISES LTD.	-839	-1062	-1366
198	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	4	5	13
199	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	30593	21952	21469
200	INDIAN RAILWAY FINANCE CORPORATION LTD.	225475	205466	93381
201	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	0	0	-454
202	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	214	63	0
203	IRCON INFRASTRUCTURE & SERVICES LTD.	1403	1365	1236
204	IRCON INTERNATIONAL LTD.	44468	38790	36885
205	IRCON PB TOLLWAY LTD.	-211	82	54
206	IRCON SHIVPURI GUNA TOLLWAY LTD.	-3061	-6	39
207	IRCON VADODARA KIM EXPRESSWAY LTD.	5	0	0
208	KONKAN RAILWAY CORPORATION LTD.	10187	12273	5966
209	MUMBAI RAILWAY VIKAS CORPORATION LTD.	3587	162	2338

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
210	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-1187	-1213	7
211	RAIL VIKAS NIGAM LTD.	60659	46966	38161
212	RAILTEL CORPORATION INDIA LTD.	10980	15617	12672
213	RAILTEL ENTERPRISES LTD.	179	159	134
214	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	4134	3025	1763
215	rites INFRASTRUCTURE SERVICES LTD.	0	-10	-10
216	rites LTD.	44465	33171	33093
217	SIDCUL CONCOR INFRA COMPANY LTD.	-468	-1112	-1296
SUB TOTAL :		552776	470249	324991
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS				
218	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	5358	3879	1375
SUB TOTAL :		5358	3879	1375
MINISTRY OF SCIENCE & TECHNOLOGY				
DEPT. OF BIOTECHNOLOGY				
219	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-579	-426	651
220	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	154	152	92
221	INDIAN VACCINE CORP. LTD.	-48	-153	-20
SUB TOTAL :		-473	-427	723
MINISTRY OF SCIENCE & TECHNOLOGY				
DEPT. OF SCIENTIFIC & INDUSTRIAL RESEARCH				
222	CENTRAL ELECTRONICS LTD.	169	2171	1682
223	NATIONAL RESEARCH DEVELOPMENT CORPN.	1	32	86
SUB TOTAL :		170	2203	1768
MINISTRY OF SHIPPING				
224	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	235	853
225	COCHIN SHIPYARD LTD.	48118	39675	32155
226	DREDGING CORPN. OF INDIA LTD.	0	1714	741
227	HOOGHLY DOCK AND PORT ENGINEERS LTD.	-933	971	4146
228	KAMARAJAR PORT LTD.	34035	39418	47240
229	SHIPPING CORPORATION OF INDIA LTD.	-12199	25375	14228
SUB TOTAL :		69021	107388	99363
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT				
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY				
230	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	7611	5079	5574
231	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	575	453	109
SUB TOTAL :		8186	5532	5683
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT				
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT				
232	NATIONAL BACKWARD CLASSES FINANCE & DEVPT. CO.	2784	1967	2554
233	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	2139	1802	1806
234	NATIONAL SCHEDULED CASTES FINANCE & DEVPT. CORPN.	5127	4748	4901
SUB TOTAL :		10050	8517	9261
MINISTRY OF STEEL				
235	EASTERN INVESTMENT LTD.	-2	35	85
236	FERRO SCRAP NIGAM LTD.	2669	807	2375
237	HINDUSTAN STEELWORKS COSTN. LTD.	~	~	-2902
238	J & K MINERAL DEVELOPMENT CORPN. LTD.	-74	141	-85
239	KIOCL LTD.	11186	8148	4793
240	M S T C LTD.	-32446	7663	6543
241	MECON LTD.	1374	5802	-7305

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
242	MOIL LTD.	47389	42199	30583
243	NMDC CSR FOUNDATION	983	0	0
244	NMDC Ltd.	464211	380588	258914
245	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-45163	-25296	656
246	RASHTRIYA ISPAT NIGAM LTD.	9671	-136901	-126316
247	SAIL REFRACTORY COMPANY LTD.	2181	1420	2101
248	STEEL AUTHORITY OF INDIA LTD.	217882	-48171	-283324
249	THE BISRA STONE LIME COMPANY LTD.	-2802	-1071	-1773
SUB TOTAL :		677059	235364	-115655
MINISTRY OF TEXTILES				
250	BIRDS JUTE & EXPORTS LTD.	0	-380	-485
251	BRITISH INDIA CORPORATION LTD.	-10620	-10620	-10498
252	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-539	-2174	8
253	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	-400	-2361	-3053
254	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	-1622	2358	2888
255	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	919	475
256	NATIONAL TEXTILE CORPN. LTD.	-31465	-30677	97316
257	THE COTTON CORPN. OF INDIA LTD.	5100	418	-455
258	THE JUTE CORPN. OF INDIA LTD.	1160	1768	920
SUB TOTAL :		-38386	-40749	87116
MINISTRY OF TOURISM				
259	ASSAM ASHOK HOTEL CORPN. LTD.	0	0	-155
260	DONYI POLO ASHOK HOTEL LTD.	0	-129	-5
261	INDIA TOURISM DEV. CORPN. LTD.	4216	1771	1143
262	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	1047	892	745
263	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	0	0	16
264	PONDICHERRY ASHOK HOTEL CORPN. LTD.	18	2	35
265	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-239	-240	-197
266	UTKAL ASHOK HOTEL CORPN. LTD.	-81	-82	-71
SUB TOTAL :		4961	2214	1511
MINISTRY OF TRIBAL AFFAIRS				
267	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2845	2549	2242
SUB TOTAL :		2845	2549	2242
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION				
268	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1937	3036	2884
269	WAPCOS LTD.	12738	10576	9857
SUB TOTAL :		14675	13612	12741
DEPT. OF ATOMIC ENERGY				
270	ELECTRONICS CORPN. OF INDIA LTD.	24251	5272	5761
271	IREL (INDIA) LTD.	11752	8211	5075
272	NUCLEAR POWER CORPN. OF INDIA LTD.	281885	361327	254436
273	URANIUM CORPORATION OF INDIA LTD.	21420	10875	12733
SUB TOTAL :		339308	385685	278005
DEPT. OF SPACE				
274	ANTRIX CORPORATION LTD.	26549	21151	21801
SUB TOTAL :		26549	21151	21801
GRAND TOTAL :		14295130	12385743	12547976

STATEMENT - 2
DIVIDEND DECLARED BY CPSEs (COGNATE GROUP WISE)

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
AGRO BASED INDUSTRIES				
1	NATIONAL SEEDS CORPN. LTD.	749	1203	1146
SUB TOTAL :		749	1203	1146
COAL				
2	CENTRAL COALFIELDS LTD.	29704	53110	363404
3	COAL INDIA LTD.	810558	1024224	1235276
4	MAHANADI COALFIELDLS LTD.	387500	435000	298200
5	NORTHERN COALFIELDS LTD.	239653	175000	168000
6	SOUTH EASTERN COALFIELDS LTD.	232661	220258	213347
SUB TOTAL :		1700076	1907592	2278227
CRUDE OIL				
7	OIL & NATURAL GAS CORPORATION LTD.	959518	776412	951798
8	OIL INDIA LTD.	107816	141864	124235
SUB TOTAL :		1067334	918276	1076033
OTHER MINERALS & METALS				
9	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1230	1187	1187
10	HINDUSTAN COPPER LTD.	2313	1850	0
11	IREL (INDIA) LTD.	4000	4092	0
12	KIOCL LTD.	5013	2062	0
13	MOIL LTD.	14168	15982	6659
14	NATIONAL ALUMINIUM COMPANY LTD.	103282	90848	68619
15	NMDC Ltd.	169014	167686	131302
16	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	88	159
17	URANIUM CORPORATION OF INDIA LTD.	3202	3839	3064
SUB TOTAL :		302222	287634	210990
STEEL				
18	FERRO SCRAP NIGAM LTD.	642	617	888
19	MISHRA DHATU NIGAM LTD.	7081	3789	3541
SUB TOTAL :		7723	4406	4429
PETROLEUM (REFINERY & MARKETING)				
20	BHARAT PETROLEUM CORPN. LTD.	390466	288476	564006
21	CHENNAI PETROLEUM CORPORATION LTD.	27549	31271	5956
22	HINDUSTAN PETROLEUM CORPN. LTD.	137144	232129	347770
23	INDIAN OIL CORPORATION LTD.	967150	947896	1054542
24	MANGALORE REFINERY & PETROCHEMICALS LTD.	52578	105156	0
25	NUMALIGARH REFINERY LTD.	121379	180966	99310
SUB TOTAL :		1696266	1785894	2071584
FERTILIZERS				
26	NATIONAL FERTILIZERS LTD.	5347	4170	5853
27	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	3310	6069	6069
SUB TOTAL :		8657	10239	11922
CHEMICALS & PHARMACEUTICALS				
28	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	270	243	0
SUB TOTAL :		270	243	0
HEAVY & MEDIUM ENGINEERING				
29	BALMER LAWRIE & CO. LTD.	11400	7980	5700
30	BEL OPTRONICS DEVICES LTD.	346	144	0

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
31	BHARAT DYNAMICS LTD.	22984	21422	10136
32	BHARAT ELECTRONICS LTD.	51168	62765	61604
33	BHARAT HEAVY ELECTRICALS LTD.	65306	48463	29371
34	COCHIN SHIPYARD LTD.	16312	10161	8666
35	ELECTRONICS CORPN. OF INDIA LTD.	1318	1129	1491
36	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	7200	5400	5322
37	GOA SHIPYARD LTD.	9953	9894	1862
38	HINDUSTAN AERONAUTICS LTD.	66209	107587	91732
39	MAZAGON DOCK SHIPBUILDERS LTD.	10000	24541	19920
40	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	245	490	421
41	SAIL REFRACTORY COMPANY LTD.	426	631	0
42	VIGNYAN INDUSTRIES LTD.	14	0	0
SUB TOTAL :		262881	300607	236225
TRANSPORATATION VEHICLE & EQUIPMENT				
43	BEML LTD.	5206	3332	1666
SUB TOTAL :		5206	3332	1666
INDUSTRIAL AND CONSUMER GOODS				
44	ANDREW YULE & COMPANY LTD.	192	489	0
45	HLL LIFECARE LTD.	0	0	387
46	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	20487	22764	6092
SUB TOTAL :		20679	23253	6479
POWER GENERATION				
47	NHDC LTD.	54363	123053	40037
48	NHPC LTD.	100046	125165	252413
49	NLC INDIA LTD.	66942	64658	136427
50	NLC TAMIL NADU POWER LTD.	0	2188	0
51	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	11500	9214	11017
52	NTPC LTD.	492255	404028	359503
53	NUCLEAR POWER CORPN. OF INDIA LTD.	49500	250000	64628
54	SJVN LTD.	66807	99279	112516
55	THDC INDIA LTD.	42312	33521	30389
SUB TOTAL :		883725	1111106	1006930
POWER TRANSMISSION				
56	POWER GRID CORPORATION OF INDIA LTD.	451487	303433	131312
57	POWER GRID PARLI TRANSMISSION LTD.	1589	0	0
58	POWER GRID WARORA TRANSMISSION LTD.	2776	0	0
59	POWER SYSTEM OPERATION CORPORATION LTD.	855	119	356
60	POWERGRID KALA AMB TRANSMISSION LTD.	903	0	0
61	POWERGRID UNCHAHAR TRANSMISSION LTD.	402	194	0
62	POWERGRID VIZAG TRANSMISSION LTD.	2999	2097	0
63	REC POWER DISTRIBUTION CO. LTD.	2255	1210	0
64	REC TRANSMISSION PROJECTS CO. LTD.	6829	1380	0
SUB TOTAL :		470095	308433	131668
TRADING & MARKETING				
65	ANTRIX CORPORATION LTD.	6700	18000	4300
66	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	0	2	0
67	HMT (INTERNATIONAL) LTD.	0	0	17
68	M M T C LTD.	3000	3000	3000
69	M S T C LTD.	2605	2499	3476

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
70	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	708	870
71	NTPC VIDYUT VYAPAR NIGAM LTD.	2000	5000	0
72	THE COTTON CORPN. OF INDIA LTD.	280	225	351
73	THE JUTE CORPN. OF INDIA LTD.	530	530	276
SUB TOTAL :		15115	29964	12290
TRANSPORT AND LOGISTIC SERVICES				
74	AIRPORTS AUTHORITY OF INDIA	76546	84050	93478
75	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	689	608	608
76	CENTRAL WAREHOUSING CORPN.	3391	2175	9653
77	CONCOR AIR LTD.	1058	867	257
78	CONTAINER CORPORATION OF INDIA LTD.	18279	41676	29440
79	GAIL (INDIA) LTD.	173414	175050	145878
80	GAIL GAS LTD.	0	1881	804
81	KAMARAJAR PORT LTD.	12000	18300	0
82	PAWAN HANS LTD.	0	3699	1083
SUB TOTAL :		285377	328306	281201
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES				
83	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1209	636	1332
84	BRIDGE & ROOF CO.(INDIA) LTD.	484	491	0
85	BROADCAST ENGG. CONSULTANTS INDIA LTD.	1	0	61
86	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3027	1950	0
87	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	650	700	500
88	EdCIL(India) Ltd.	1100	1600	0
89	ENGINEERS INDIA LTD.	30016	18957	23586
90	HINDUSTAN STEELWORKS COSTN. LTD.	2968	0	0
91	HLL INFRA TECH SERVICES LTD.	1000	320	142
92	HSCC (INDIA) LTD.	1124	1124	1128
93	IRCON INTERNATIONAL LTD.	19807	19240	18423
94	MECON LTD.	1027	0	0
95	MINERAL EXPLORATION CORPN. LTD.	2989	5559	2307
96	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	1447	958	0
97	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	208	208	104
98	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	3126
99	NBCC (INDIA) LTD.	10080	14850	16770
100	NBCC SERVICES LTD.	0	330	220
101	PFC CONSULTING LTD.	10665	6793	0
102	PROJECTS & DEVELOPMENT INDIA LTD.	1180	0	0
103	RAIL VIKAS NIGAM LTD.	18064	16700	25710
104	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	909	368	0
105	rites LTD.	21500	14800	14600
106	SOLAR ENERGY CORPORATION OF INDIA	184	3839	191
107	WAPCOS LTD.	0	3500	2525
SUB TOTAL :		129639	112923	110725
HOTEL AND TOURIST SERVICES				
108	INDIA TOURISM DEV. CORPN. LTD.	1587	1141	1286
109	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	14881	4718	11295
SUB TOTAL :		16468	5859	12581
FINANCIAL SERVICES				
110	BALMER LAWRIE INVESTMENTS LTD.	5327	3774	3774

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
111	E. C. G. C. LTD.	0	0	7250
112	EASTERN INVESTMENT LTD.	0	7	17
113	HOUSING & URBAN DEV. CORPN. LTD.	13513	11010	10001
114	INDIAN RAILWAY FINANCE CORPORATION LTD.	37500	23352	37352
115	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	2184	13050	12550
116	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	730	614	0
117	POWER FINANCE CORPORATION LTD.	0	205926	132004
118	REC LTD.	251802	198479	138244
SUB TOTAL :		311056	456212	341192
TELECOMMUNICATION & INFORMATION TECHNOLOGY				
119	MILLENNIUM TELECOM LTD.	0	20	0
120	RAILTEL CORPORATION INDIA LTD.	6247	5153	4453
121	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1843	708	365
SUB TOTAL :		8090	5881	4818
GRAND TOTAL :		7191628	7601363	7800106

STATEMENT - 3
NET PROFIT OF PROFIT MAKING CPSEs (COGNATE GROUP WISE)

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
AGRO BASED INDUSTRIES				
1	NATIONAL SEEDS CORPN. LTD.	4132	2498	5180
SUB TOTAL :		4132	2498	5180
COAL				
2	BHARAT COKING COAL LTD.	28877	-139122	-16998
3	CENTRAL COALFIELDS LTD.	170447	80778	138711
4	COAL INDIA LTD.	1046967	929342	1449909
5	EASTERN COALFIELDS LTD.	74877	-93117	613
6	MAHANADI COALFIELDS LTD.	603954	476129	451297
7	NORTHERN COALFIELDS LTD.	411128	268524	210109
8	SOUTH EASTERN COALFIELDS LTD.	361155	237025	203857
9	WESTERN COALFIELDS LTD.	26933	-175650	-77728
SUB TOTAL :		2724338	1583909	2359770
CRUDE OIL				
10	OIL & NATURAL GAS CORPORATION LTD.	2671579	1994526	1789997
11	OIL INDIA LTD.	259014	266793	154868
12	ONGC VIDESH LTD.	167967	97962	75378
13	PRIZE PETROLEUM COMPANY LTD.	502	-157	-1495
SUB TOTAL :		3099062	2359124	2018748
OTHER MINERALS & METALS				
14	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2049	2703	3603
15	HINDUSTAN COPPER LTD.	14551	7961	6194
16	IREL (INDIA) LTD.	11752	8211	5075
17	KIOCL LTD.	11186	8148	4793
18	MOIL LTD.	47389	42199	30583
19	NATIONAL ALUMINIUM COMPANY LTD.	173240	134241	66853
20	NMDC Ltd.	464211	380588	258914
21	URANIUM CORPORATION OF INDIA LTD.	21420	10875	12733
SUB TOTAL :		745798	594926	388748
STEEL				
22	FERRO SCRAP NIGAM LTD.	2669	807	2375
23	MISHRA DHATU NIGAM LTD.	13056	13126	12631
24	RASHTRIYA ISPAT NIGAM LTD.	9671	-136901	-126316
25	STEEL AUTHORITY OF INDIA LTD.	217882	-48171	-283324
SUB TOTAL :		243278	-171139	-394634
PETROLEUM (REFINERY & MARKETING)				
26	BHARAT PETROLEUM CORPN. LTD.	713202	797630	803930
27	HINDUSTAN PETROLEUM CORPN. LTD.	602866	635707	620880
28	INDIAN OIL CORPORATION LTD.	1689415	2134612	1910640
29	MANGALORE REFINERY & PETROCHEMICALS LTD.	33196	222412	364369
30	NUMALIGARH REFINERY LTD.	196810	204465	210057
SUB TOTAL :		3235489	3994826	3909876
FERTILIZERS				
31	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	16314	-12906	-26268
32	HINDUSTAN FERTILIZER CORPN. LTD.	6434	2217	165
33	NATIONAL FERTILIZERS LTD.	29845	21277	20816
34	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	13917	7880	17926

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
35	THE FERTILIZER CORPN. OF INDIA LTD.	16478	11395	3010
	SUB TOTAL :	82988	29863	15649
CHEMICALS & PHARMACEUTICALS				
36	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	4438	1006	451
37	BRAHAMPUTRA CRACKERS & POLYMER LTD.	6937	-8039	-54741
38	HIL (INDIA) LTD.	362	341	326
39	HINDUSTAN FLUOROCARBONS LIMITED	170	-77	-385
40	HINDUSTAN ORGANIC CHEMICALS LTD.	5011	-20345	-25557
41	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	558	766	352
42	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1582	1174	3033
43	ONGC MANGALORE PETROCHEMICALS LTD.	2289	-44711	-36619
	SUB TOTAL :	21347	-69885	-113140
HEAVY & MEDIUM ENGINEERING				
44	BALMER LAWRIE & CO. LTD.	18850	18482	17042
45	BEL OPTRONICS DEVICES LTD.	1418	1155	484
46	BEL-THALES SYSTEMS LTD.	104	-259	-82
47	BHARAT DYNAMICS LTD.	42259	52815	52406
48	BHARAT ELECTRONICS LTD.	192729	139929	154762
49	BHARAT HEAVY ELECTRICALS LTD.	121539	80660	49586
50	BRAITHWAITE & CO. LTD.	786	260	-895
51	CENTRAL ELECTRONICS LTD.	169	2171	1682
52	COCHIN SHIPYARD LTD.	48118	39675	32155
53	ELECTRONICS CORPN. OF INDIA LTD.	24251	5272	5761
54	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	10994	9240	1147
55	GOA SHIPYARD LTD.	13152	21733	11740
56	HINDUSTAN AERONAUTICS LTD.	228244	198742	261563
57	HINDUSTAN CABLES LTD.	5186	70616	234846
58	HINDUSTAN SHIPYARD LTD.	3624	2099	5377
59	HMT BEARINGS LTD.	7924	-138	-366
60	HMT LTD.	1724	-716	-23949
61	HMT WATCHES LTD.	12128	-849	-20356
62	I T I LTD.	9254	23056	26639
63	MAZAGON DOCK SHIPBUILDERS LTD.	51940	43993	54899
64	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1028	402	1215
65	RICHARDSON & CRUDDAS(1972) LTD.	1646	1646	1494
66	SAIL REFRACTORY COMPANY LTD.	2181	1420	2101
	SUB TOTAL :	799248	711404	869251
TRANSPORTATION VEHICLE & EQUIPMENT				
67	BEML LTD.	6349	12944	8445
	SUB TOTAL :	6349	12944	8445
INDUSTRIAL AND CONSUMER GOODS				
68	ANDREW YULE & COMPANY LTD.	870	1712	3260
69	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	7611	5079	5574
70	CEMENT CORPN. OF INDIA LTD.	635	1799	4233
71	HINDUSTAN SALTS LTD.	126	184	40
72	HLL LIFECARE LTD.	1847	-6958	-2538
73	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	52787	61971	65241
	SUB TOTAL :	63876	63787	75810

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
POWER GENERATION				
74	BHARTIYA RAIL BIJLEE CO. LTD.	888	2721	766
75	KANTI BIJLEE UTPADAN NIGAM LTD.	9874	-18109	-2195
76	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	39	64	111
77	NHDC LTD.	49072	55318	93128
78	NHPC LTD.	263055	276903	279559
79	NLC INDIA LTD.	126697	184878	236881
80	NLC TAMIL NADU POWER LTD.	27074	14633	7804
81	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	21394	27466	22598
82	NTPC LTD.	1174989	1034317	938526
83	NUCLEAR POWER CORPN. OF INDIA LTD.	281885	361327	254436
84	SJVN LTD.	136429	122488	154414
85	THDC INDIA LTD.	125563	77116	71393
SUB TOTAL :		2216959	2139122	2057421
POWER TRANSMISSION				
86	POWER GRID CORPORATION OF INDIA LTD.	993855	824465	752015
87	POWER GRID JABALPUR TRANSMISSION LTD.	1014	0	0
88	POWER GRID PARLI TRANSMISSION LTD.	6501	0	0
89	POWER GRID WARORA TRANSMISSION LTD.	5967	2895	132
90	POWER SYSTEM OPERATION CORPORATION LTD.	4426	4762	3597
91	POWERGRID KALA AMB TRANSMISSION LTD.	1308	752	0
92	POWERGRID UNCHAHAR TRANSMISSION LTD.	981	905	-6
93	POWERGRID VIZAG TRANSMISSION LTD.	10016	7767	-2194
94	REC POWER DISTRIBUTION CO. LTD.	2634	3494	4033
95	REC TRANSMISSION PROJECTS CO. LTD.	2460	3492	3446
SUB TOTAL :		1029162	848532	761023
TRADING & MARKETING				
96	ANTRIX CORPORATION LTD.	26549	21151	21801
97	HMT (INTERNATIONAL) LTD.	151	14	6
98	INDIA TRADE PROMOTION ORGANISATION	7605	13441	17110
99	KARNATAKA TRADE PROMOTION ORGANISATION	699	2007	5316
100	M M T C LTD.	8143	4884	5706
101	NTPC VIDYUT VYAPAR NIGAM LTD.	6556	6126	7644
102	TAMIL NADU TRADE PROMOTION ORGANISATION	3502	3143	3156
103	THE COTTON CORPN. OF INDIA LTD.	5100	418	-455
104	THE JUTE CORPN. OF INDIA LTD.	1160	1768	920
SUB TOTAL :		59465	52952	61204
TRANSPORT AND LOGISTIC SERVICES				
105	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	6090	15240	0
106	AIR INDIA AIR TRANSPORT SERVICES LTD.	6381	5385	3344
107	AIR INDIA EXPRESS LTD.	16439	21829	23696
108	AIRPORTS AUTHORITY OF INDIA	227144	280164	311593
109	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1488	1533	1268
110	CENTRAL WAREHOUSING CORPN.	16361	3188	23122
111	CHANDIGARH INTERNATIONAL AIRPORT LTD.	1873	1406	0
112	CONCOR AIR LTD.	4	1216	784
113	CONTAINER CORPORATION OF INDIA LTD.	121541	104446	85802
114	GAIL (INDIA) LTD.	602567	461841	350291
115	GAIL GAS LTD.	8094	8075	6502

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
116	KAMARAJAR PORT LTD.	34035	39418	47240
SUB TOTAL :		1042017	943741	853642
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES				
117	AGRINNOVATE INDIA LTD.	192	158	211
118	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	36	239	1716
119	BRIDGE & ROOF CO.(INDIA) LTD.	3333	1657	1825
120	BROADCAST ENGG. CONSULTANTS INDIA LTD.	5	-428	204
121	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	17327	8083	3964
122	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	936	1245	1021
123	DELHI POLICE HOUSING CORPORATION LTD.	56	45	-19
124	EdCIL(India) Ltd.	3008	3595	2845
125	ENGINEERS INDIA LTD.	37007	37787	32504
126	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	4	5	13
127	HINDUSTAN PREFAB LTD.	214	193	570
128	HINDUSTAN STEELWORKS COSTN. LTD.	3430	3576	-2902
129	HLL INFRA TECH SERVICES LTD.	2186	801	278
130	HSCC (INDIA) LTD.	4981	2358	3761
131	IIFCL PROJECTS LTD.	178	229	141
132	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	214	63	0
133	IRCON INFRASTRUCTURE & SERVICES LTD.	1403	1365	1236
134	IRCON INTERNATIONAL LTD.	44468	38790	36885
135	IRCON VADODARA KIM EXPRESSWAY LTD.	5	0	0
136	KONKAN RAILWAY CORPORATION LTD.	10187	12273	5966
137	MECON LTD.	1374	5802	-7305
138	MINERAL EXPLORATION CORPN. LTD.	10060	9837	10479
139	MUMBAI RAILWAY VIKAS CORPORATION LTD.	3587	162	2338
140	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	5358	3879	1375
141	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1937	3036	2884
142	NATIONAL RESEARCH DEVELOPMENT CORPN.	1	32	86
143	NBCC (INDIA) LTD.	38411	33361	35110
144	NBCC SERVICES LTD.	863	697	681
145	PFC CONSULTING LTD.	2200	2688	5785
146	PROJECTS & DEVELOPMENT INDIA LTD.	3036	269	-1058
147	RAIL VIKAS NIGAM LTD.	60659	46966	38161
148	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	4134	3025	1763
149	rites LTD.	44465	33171	33093
150	SOLAR ENERGY CORPORATION OF INDIA	12940	6472	4650
151	WAPCOS LTD.	12738	10576	9857
SUB TOTAL :		330933	272007	228118
HOTEL AND TOURIST SERVICES				
152	INDIA TOURISM DEV. CORPN. LTD.	4216	1771	1143
153	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	30593	21952	21469
154	PONDICHERRY ASHOK HOTEL CORPN. LTD.	18	2	35
SUB TOTAL :		34827	23725	22647
FINANCIAL SERVICES				
155	BALMER LAWRIE INVESTMENTS LTD.	7590	5364	3880
156	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	154	152	92
157	E. C. G. C. LTD.	24438	6792	28214
158	HOUSING & URBAN DEV. CORPN. LTD.	118015	101018	84181

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
159	IIFCL ASSET MANAGEMENT COMPANY LTD.	340	280	101
160	INDIA INFRASTRUCTURE FINANCE CO. LTD.	10243	-152647	6790
161	INDIAN RAILWAY FINANCE CORPORATION LTD.	225475	205466	93381
162	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	24413	37044	36502
163	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	600	624	643
164	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	1047	892	745
165	NATIONAL BACKWARD CLASSES FINANCE & DEVPT.CO.	2784	1967	2554
166	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	575	453	109
167	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	5011	5377	4839
168	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	2139	1802	1806
169	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	5127	4748	4901
170	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2845	2549	2242
171	NMDC CSR FOUNDATION	983	0	0
172	POWER FINANCE CORPORATION LTD.	695292	438677	212639
173	REC LTD.	576372	441989	624576
SUB TOTAL :		1703443	1102547	1108195
TELECOMMUNICATION & INFORMATION TECHNOLOGY				
174	BHARAT BROADBAND NETWORK LTD.	336	277	2285
175	MILLENNIUM TELECOM LTD.	64	53	40
176	RAIILTEL CORPORATION INDIA LTD.	10980	15617	12672
177	RAIILTEL ENTERPRISES LTD.	179	159	134
178	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4390	4608	7082
SUB TOTAL :		15949	20714	22213
GRAND TOTAL :		17458660	14515597	14258166

STATEMENT - 4
NET LOSS (-) OF LOSS MAKING CPSEs (COGNATE GROUP WISE)

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
AGRO BASED INDUSTRIES				
1	HPCL BIOFUELS LTD.	-6755	-7785	-3072
SUB TOTAL :		-6755	-7785	-3072
CRUDE OIL				
2	BHARAT PETRO RESOURCES LTD.	-4577	-15926	-20298
SUB TOTAL :		-4577	-15926	-20298
OTHER MINERALS & METALS				
3	J & K MINERAL DEVELOPMENT CORPN. LTD.	-74	141	-85
4	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-45163	-25296	656
5	THE BISRA STONE LIME COMPANY LTD.	-2802	-1071	-1773
SUB TOTAL :		-48039	-26226	-1202
PETROLEUM (REFINERY & MARKETING)				
6	CHENNAI PETROLEUM CORPORATION LTD.	-21336	91292	102975
SUB TOTAL :		-21336	91292	102975
FERTILIZERS				
7	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	-6315	79	750
8	MADRAS FERTILIZERS LTD.	-8085	-4481	354
SUB TOTAL :		-14400	-4402	1104
CHEMICALS & PHARMACEUTICALS				
9	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-579	-426	651
10	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	-262	114	787
11	HINDUSTAN ANTIBIOTICS LTD.	-7110	20832	-7824
12	HLL BIOTECH LTD.	-4839	-4217	-481
13	IDPL (TAMILNADU) LTD.	-239	-239	-239
14	INDIAN VACCINE CORP. LTD.	-48	-153	-20
SUB TOTAL :		-13077	15911	-7126
HEAVY & MEDIUM ENGINEERING				
15	BHARAT PUMPS & COMPRESSORS LTD.	-3348	-4392	-8397
16	BHARAT WAGON & ENGG. CO. LTD.	-142	-8015	-1434
17	BHEL ELECTRICAL MACHINES LTD.	-546	-602	-424
18	HEAVY ENGINEERING CORPN. LTD.	-9367	44600	-8227
19	HMT MACHINE TOOLS LTD.	-6383	-12925	-12759
20	HOOGHLY DOCK AND PORT ENGINEERS LTD.	-933	971	4146
21	INSTRUMENTATION LTD.	-9137	-9137	-9137
22	NAINI AEROSPACE LTD.	-1295	-1063	-174
23	SCOOTERS INDIA LTD.	-463	-1862	-905
24	VIGNYAN INDUSTRIES LTD.	-33	39	48
SUB TOTAL :		-31647	7614	-37263
INDUSTRIAL AND CONSUMER GOODS				
25	HINDUSTAN NEWSPRINT LTD.	-13186	-10165	-6015
26	HOOGHLY PRINTING COMPANY LTD.	-308	-354	-35
27	NAGALAND PULP & PAPER COMPANY LTD.	-1739	-1739	-1739
28	NEPA LTD.	-7779	3012	-6862
29	SAMBHAR SALTS LTD.	-1083	-258	-855
SUB TOTAL :		-24095	-9504	-15506

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
TEXTILES				
30	BRITISH INDIA CORPORATION LTD.	-10620	-10620	-10498
31	NATIONAL TEXTILE CORPN. LTD.	-31465	-30677	97316
SUB TOTAL :		-42085	-41297	86818
POWER GENERATION				
32	PATRATU VIDYUT UTPADAN NIGAM LTD.	-138	3	-7
SUB TOTAL :		-138	3	-7
POWER TRANSMISSION				
33	NTPC ELECTRIC SUPPLY COMPANY LTD.	-9	0	-18
34	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	-156	0	-2
35	POWERGRID NM TRANSMISSION LTD.	-6356	-8314	-1895
SUB TOTAL :		-6521	-8314	-1915
TRADING & MARKETING				
36	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-539	-2174	8
37	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	-400	-2361	-3053
38	M S T C LTD.	-32446	7663	6543
39	NATIONAL FILM DEV. CORPN. LTD.	-6	1454	-191
40	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	-1622	2358	2888
41	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	-541	53	-306
42	NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.	-698	-662	-589
43	P E C LTD.	-49965	-5695	-9284
44	STATE TRADING CORPN. OF INDIA LTD.	-88108	3886	-16582
45	STCL LTD.	-193	-65688	-56269
SUB TOTAL :		-174518	-61166	-76835
TRANSPORT AND LOGISTIC SERVICES				
46	AIR INDIA ENGINEERING SERVICES LTD.	-18088	-49566	-51088
47	AIR INDIA LTD.	-847480	-533774	-628154
48	AIRLINE ALLIED SERVICES LTD.	-29664	-27133	-28806
49	BPCL-KIAL FUEL FARM PVT. LTD.	-119	-14	0
50	FRESH & HEALTHY ENTERPRISES LTD.	-839	-1062	-1366
51	PAWAN HANS LTD.	-6237	1929	25393
52	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-1187	-1213	7
53	SHIPPING CORPORATION OF INDIA LTD.	-12199	25375	14228
54	SIDCUL CONCOR INFRA COMPANY LTD.	-468	-1112	-1296
55	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	-557	-102	0
SUB TOTAL :		-916838	-586672	-671082
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES				
56	ENGINEERING PROJECTS (INDIA) LTD.	-3303	14	269
57	HLL MOTHER & CHILD CARE HOSPITALS LTD.	-30	0	0
58	IRCON PB TOLLWAY LTD.	-211	82	54
59	IRCON SHIVPURI GUNA TOLLWAY LTD.	-3061	-6	39
60	NATIONAL SMALL INDUSTRIES CORPN. LTD.	-7066	9927	10640
61	NBCC ENGINEERING AND CONSULTANCY LTD.	-153	-209	-17
62	TCIL BINA TOLL ROAD LTD.	-522	-511	-1046
63	TCIL LAKHNADONE TOLL ROAD LTD.	-6	-159	-464
SUB TOTAL :		-14352	9138	9475
HOTEL AND TOURIST SERVICES				
64	HOTEL CORPN. OF INDIA LTD.	-6863	-6032	-5957
65	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-239	-240	-197

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
66	UTKAL ASHOK HOTEL CORPN. LTD.	-81	-82	-71
SUB TOTAL :		-7183	-6354	-6225
FINANCIAL SERVICES				
67	EASTERN INVESTMENT LTD.	-2	35	85
SUB TOTAL :		-2	35	85
TELECOMMUNICATION & INFORMATION TECHNOLOGY				
68	BHARAT SANCHAR NIGAM LTD.	-1490424	-799285	-479321
69	MAHANAGAR TELEPHONE NIGAM LTD.	-339020	-297303	-294108
70	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	-8523	3104	6441
SUB TOTAL :		-1837967	-1093484	-766988
GRAND TOTAL :		-3163530	-1737137	-1407062

STATEMENT - 5
CASH LOSS (-) OF LOSS MAKING CPSEs DURING 2018-19

(₹ in Lakhs)

S.No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
AGRO BASED INDUSTRIES				
1	HPCL BIOFUELS LTD.	-4019	-5028	-313
SUB TOTAL :		-4019	-5028	-313
CRUDE OIL				
2	BHARAT PETRO RESOURCES LTD.	-1133	-10739	-15615
SUB TOTAL :		-1133	-10739	-15615
OTHER MINERALS & METALS				
3	J & K MINERAL DEVELOPMENT CORPN. LTD.	-74	183	-61
4	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-43667	-23796	1141
5	THE BISRA STONE LIME COMPANY LTD.	-2780	-1049	-1751
SUB TOTAL :		-46521	-24662	-671
FERTILIZERS				
6	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	-2666	3711	4311
7	MADRAS FERTILIZERS LTD.	-5786	-2280	2490
SUB TOTAL :		-8452	1431	6801
CHEMICALS & PHARMACEUTICALS				
8	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-551	-385	709
9	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	-199	173	846
10	HINDUSTAN ANTIBIOTICS LTD.	-6727	21201	-7422
11	HLL BIOTECH LTD.	-2826	-2821	-440
12	IDPL (TAMILNADU) LTD.	-218	-218	-218
13	INDIAN VACCINE CORP. LTD.	-16	-118	17
SUB TOTAL :		-10537	17832	-6508
HEAVY & MEDIUM ENGINEERING				
14	BHARAT PUMPS & COMPRESSORS LTD.	-2883	-3913	-7891
15	BHARAT WAGON & ENGG. CO. LTD.	-90	-7948	-1347
16	BHEL ELECTRICAL MACHINES LTD.	-454	-508	-329
17	HEAVY ENGINEERING CORPN. LTD.	-8626	45343	-7532
18	HMT MACHINE TOOLS LTD.	-5499	-11955	-11749
19	HOOGHLY DOCK AND PORT ENGINEERS LTD.	-930	979	4156
20	INSTRUMENTATION LTD.	-8311	-8311	-8311
21	NAINI AEROSPACE LTD.	-1216	-1051	-167
22	SCOOTERS INDIA LTD.	-270	-1687	-741
SUB TOTAL :		-28279	10949	-33911
INDUSTRIAL AND CONSUMER GOODS				
23	HINDUSTAN NEWSPRINT LTD.	-12488	-9414	-5320
24	HOOGHLY PRINTING COMPANY LTD.	-302	-341	-23
25	NAGALAND PULP & PAPER COMPANY LTD.	-1714	-1714	-1714
26	NEPA LTD.	-7679	3119	-6770
27	SAMBHAR SALTS LTD.	-834	8	-565
SUB TOTAL :		-23017	-8342	-14392
TEXTILES				
28	BRITISH INDIA CORPORATION LTD.	-10512	-10512	-10455
29	NATIONAL TEXTILE CORPN. LTD.	-26143	-24644	110982
SUB TOTAL :		-36655	-35156	100527

S. No.	Cognate Group / CPSE	2018-19	2017-18	2016-17
POWER GENERATION				
30	PATRATU VIDYUT UTPADAN NIGAM LTD.	-138	3	17
SUB TOTAL :		-138	3	17
POWER TRANSMISSION				
31	NTPC ELECTRIC SUPPLY COMPANY LTD.	-9	0	-18
32	POWERGRID NM TRANSMISSION LTD.	-1585	-4048	-28
SUB TOTAL :		-1594	-4048	-46
TRADING & MARKETING				
33	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-453	-2076	105
34	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	-192	-2150	-3001
35	M S T C LTD.	-32321	7808	6685
36	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	-1526	2448	2948
37	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	-530	69	-288
38	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	-698	-655	-573
39	P E C LTD.	-49956	-5671	-9256
40	STATE TRADING CORPN. OF INDIA LTD.	-86594	5488	-14988
41	STCL LTD.	-161	-65619	-56192
SUB TOTAL :		-172431	-60358	-74560
TRANSPORT AND LOGISTIC SERVICES				
42	AIR INDIA ENGINEERING SERVICES LTD.	-16149	-47239	-46978
43	AIR INDIA LTD.	-688687	-367036	-467920
44	AIRLINE ALLIED SERVICES LTD.	-29507	-27026	-28733
45	BPCL-KIAL FUEL FARM PVT. LTD.	-96	-13	0
46	FRESH & HEALTHY ENTERPRISES LTD.	-404	-559	-844
47	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-92	-220	9
48	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	-197	-68	0
SUB TOTAL :		-735132	-442161	-544466
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES				
49	ENGINEERING PROJECTS (INDIA) LTD.	-3113	169	413
50	NATIONAL SMALL INDUSTRIES CORPN. LTD.	-6401	10496	11128
51	NBCC ENGINEERING AND CONSULTANCY LTD.	-151	-207	-17
52	TCIL BINA TOLL ROAD LTD.	-282	-290	-845
SUB TOTAL :		-9947	10168	10679
HOTEL AND TOURIST SERVICES				
53	HOTEL CORPN. OF INDIA LTD.	-5355	-5704	-5734
54	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-233	-227	-191
55	UTKAL ASHOK HOTEL CORPN. LTD.	-79	-80	-69
SUB TOTAL :		-5667	-6011	-5994
FINANCIAL SERVICES				
56	EASTERN INVESTMENT LTD.	-2	35	85
SUB TOTAL :		-2	35	85
TELECOMMUNICATION & INFORMATION TECHNOLOGY				
57	BHARAT SANCHAR NIGAM LTD.	-912226	-216127	153721
58	MAHANAGAR TELEPHONE NIGAM LTD.	-240650	-194435	-185345
59	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	-3437	7125	8113
SUB TOTAL :		-1156313	-403437	-23511
GRAND TOTAL :		-2239837	-959524	-601878

STATEMENT - 6
CPSE WISE NET PROFIT / LOSS(-) OF 'TAKEN OVER' SICK CPSEs

(₹ in Lakhs)

S. No.	CPSE	Net Profit / Loss		
		2018-19	2017-18	2016-17
1	ANDREW YULE & COMPANY LTD.	870	1712	3260
2	BALMER LAWRIE & CO. LTD.	18850	18482	17042
3	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	4438	1006	451
4	BHARAT WAGON & ENGG. CO. LTD.	-142	-8015	-1434
5	BIRDS JUTE & EXPORTS LTD.	0	-380	-485
6	BRAITHWAITE & CO. LTD.	786	260	-895
7	BRIDGE & ROOF CO.(INDIA) LTD.	3333	1657	1825
8	BRITISH INDIA CORPORATION LTD.	-10620	-10620	-10498
9	BURN STANDARD COMPANY LTD.	0	-3351	-3351
10	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	235	853
11	HOOGHLY DOCK AND PORT ENGINEERS LTD.	-933	971	4146
12	HOOGHLY PRINTING COMPANY LTD.	-308	-354	-35
13	NATIONAL TEXTILE CORPN. LTD.	-31465	-30677	97316
14	RICHARDSON & CRUDDAS(1972) LTD.	1646	1646	1494
TOTAL :		-13545	-27428	109689

STATEMENT - 7
INVESTMENT (FINANCIAL) IN CENTRAL GOVERNMENT ENTERPRISES UNDER DIFFERENT
MINISTRIES/DEPTTS

AS ON 31.3.2019

(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	78	0	5810
SUB TOTAL :		5732	0	78	0	5810
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	BRAHMAPUTRA CRACKERS & POLYMER LTD.	141767	0	273135	0	414902
5	HIL (INDIA) LTD.	9133	0	891	0	10024
6	HINDUSTAN FLUOROCARBONS LIMITED	1961	0	0	0	1961
7	HINDUSTAN ORGANIC CHEMICALS LTD.	6727	0	24562	0	31289
SUB TOTAL :		159588	0	298588	0	458176
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	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	64707	0	179089	0	243796
11	HINDUSTAN FERTILIZER CORPN. LTD.	68654	0	1176	0	69830
12	MADRAS FERTILIZERS LTD.	16214	0	7862	0	24076
13	NATIONAL FERTILIZERS LTD.	49058	0	27962	0	77020
14	PROJECTS & DEVELOPMENT INDIA LTD.	1730	0	0	0	1730
15	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	55169	0	42511	0	97680
16	THE FERTILIZER CORPN. OF INDIA LTD.	75092	0	0	0	75092
SUB TOTAL :		370207	0	315875	0	686082
MINISTRY OF CHEMICALS & FERTILIZERS						
D/O PHARMACEUTICALS						
17	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	7696	0	20073	0	27769
18	HINDUSTAN ANTIBIOTICS LTD.	7172	0	16156	0	23328
19	IDPL (TAMILNADU) LTD.	2127	0	4465	0	6592
20	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1349	0	975	0	2324
22	ORISSA DRUGS & CHEMICALS LTD.	0	0	0	0	0
23	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0
SUB TOTAL :		18344	0	41669	0	60013

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
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	0	0	16667
27	AIR INDIA EXPRESS LTD.	78000	0	17780	0	95780
28	AIR INDIA LTD.	3266521	0	829996	0	4096517
29	AIRLINE ALLIED SERVICES LTD.	40225	0	0	0	40225
30	AIRPORTS AUTHORITY OF INDIA	65656	0	3716	0	69372
31	CHANDIGARH INTERNATIONAL AIRPORT LTD.	96945	0	70	0	97015
32	HOTEL CORPN. OF INDIA LTD.	13760	0	0	0	13760
33	PAWAN HANS LTD.	55748	0	0	0	55748
SUB TOTAL :		3649864	0	851562	0	4501426
MINISTRY OF COAL						
34	BHARAT COKING COAL LTD.	211800	0	235092	0	446892
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.	44100	0	124928	0	169028
38	CHHATTISGARH EAST-WEST RAILWAYS LTD.	50406	0	11246	0	61652
39	COAL INDIA LTD.	616273	0	0	0	616273
40	EASTERN COALFIELDS LTD.	221845	0	182096	0	403941
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.	66184	0	571	0	66755
45	MJSJ COAL LTD.	9510	0	0	0	9510
46	MNH SHAKTI LTD.	8510	0	0	0	8510
47	NEYVELI UTTAR PRADESH POWER LTD	169304	0	319836	0	489140
48	NLC INDIA LTD.	138664	0	831651	0	970315
49	NLC TAMIL NADU POWER LTD.	218804	0	286241	0	505045
50	NORTHERN COALFIELDS LTD.	63094	0	0	0	63094
51	SOUTH EASTERN COALFIELDS LTD.	66806	0	0	0	66806
52	WESTERN COALFIELDS LTD.	29710	0	0	0	29710
SUB TOTAL :		2017828	0	1991661	0	4009489
MINISTRY OF COMMERCE & INDUSTRY						
D/O COMMERCE						
53	E. C. G. C. LTD.	200000	0	0	0	200000
54	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	119499	0	437	0	119936
55	INDIA TRADE PROMOTION ORGANISATION	25	0	0	0	25
56	KARNATAKA TRADE PROMOTION ORGANISATION	2000	0	0	0	2000
57	M M T C LTD.	15000	0	0	0	15000
58	P E C LTD.	6000	0	0	0	6000
59	STATE TRADING CORPN. OF INDIA LTD.	6000	0	0	0	6000
60	STCL LTD.	150	0	0	0	150
61	TAMIL NADU TRADE PROMOTION ORGANISATION	1	0	0	0	1
SUB TOTAL :		348675	0	437	0	349112

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
MINISTRY OF COMMERCE & INDUSTRY						
D/O PROMOTION OF INDUSTRY AND INTERNAL TRADE						
62	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	8000	0	0	0	8000
SUB TOTAL :		8000	0	0	0	8000
MINISTRY OF COMMUNICATION						
D/O TELECOMMUNICATIONS						
63	BHARAT BROADBAND NETWORK LTD.	6000	0	166172	0	172172
64	BHARAT SANCHAR NIGAM LTD.	500000	0	2005008	0	2505008
65	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0	0	0
66	I T I LTD.	89700	5500	30000	0	125200
67	MAHANAGAR TELEPHONE NIGAM LTD.	63000	0	1147215	0	1210215
68	MILLENNIUM TELECOM LTD.	288	0	0	0	288
69	TCIL BINA TOLL ROAD LTD.	1957	0	11863	0	13820
70	TCIL LAKHNADONE TOLL ROAD LTD.	2311	0	6727	0	9038
71	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5920	0	0	0	5920
SUB TOTAL :		669176	5500	3366985	0	4041661
MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION						
D/O FOOD & PUBLIC DISTRIBUTION						
72	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	4056	0	180	0	4236
73	CENTRAL WAREHOUSING CORPN.	6802	0	0	0	6802
74	FOOD CORPN. OF INDIA	344758	0	1573770	0	1918528
SUB TOTAL :		355616	0	1573950	0	1929566
MINISTRY OF DEFENCE						
D/O DEFENCE PRODUCTION						
75	BEL Optronics Devices Ltd.	7220	0	1293	0	8513
76	BEL-THALES SYSTEMS LTD.	5762	0	0	0	5762
77	BEML LTD.	4177	0	30297	0	34474
78	BHARAT DYNAMICS LTD.	18328	0	0	0	18328
79	BHARAT ELECTRONICS LTD.	24366	0	0	0	24366
80	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	11455	0	0	0	11455
81	GOA SHIPYARD LTD.	5820	0	0	0	5820
82	HINDUSTAN AERONAUTICS LTD.	33439	0	10000	0	43439
83	HINDUSTAN SHIPYARD LTD.	30199	0	54121	0	84320
84	INDO RUSSIAN HELICOPTERS LTD.	1000	0	0	0	1000
85	MAMC INDUSTRIES LTD.	0	0	0	0	0
86	MAZAGON DOCK SHIPBUILDERS LTD.	22410	0	0	0	22410
87	MISHRA DHATU NIGAM LTD.	18734	0	15667	0	34401
88	NAINI AEROSPACE LTD.	5000	0	0	0	5000
89	VIGNYAN INDUSTRIES LTD.	279	0	0	0	279
SUB TOTAL :		188189	0	111378	0	299567
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION						
90	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	850	0	1400	0	2250
91	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	762	0	2503	0	3265
SUB TOTAL :		1612	0	3903	0	5515

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY						
92	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	200	0	0	0	200
SUB TOTAL :		200	0	0	0	200
MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE						
93	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV. CORP.LTD	0	0	0	0	0
SUB TOTAL :		0	0	0	0	0
MINISTRY OF FINANCE						
D/O ECONOMIC AFFAIRS						
94	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	106424	0	0	0	106424
SUB TOTAL :		106424	0	0	0	106424
MINISTRY OF FINANCE						
D/O FINANCIAL SERVICES						
95	IIFCL ASSET MANAGEMENT COMPANY LTD.	1250	0	0	0	1250
96	IIFCL PROJECTS LTD.	475	0	0	0	475
97	INDIA INFRASTRUCTURE FINANCE CO. LTD.	420232	0	3207407	0	3627639
SUB TOTAL :		421957	0	3207407	0	3629364
MINISTRY OF HEALTH & FAMILY WELFARE						
DEPARTMENT OF HEALTH AND FAMILY WELFARE						
98	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1902	0	51	0	1953
99	HLL BIOTECH LTD.	27489	0	28258	0	55747
100	HLL INFRA TECH SERVICES LTD.	200	0	0	0	200
101	HLL LIFECARE LTD.	29041	0	6307	0	35348
102	HLL MEDIPARK LTD	210	0	0	0	210
103	HLL MOTHER & CHILD CARE HOSPITALS LTD.	10	0	109	0	119
104	HSCC (INDIA) LTD.	180	0	0	0	180
SUB TOTAL :		59032	0	34725	0	93757
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES						
D/O HEAVY INDUSTRIES						
105	ANDREW YULE & COMPANY LTD.	9779	0	30	0	9809
106	BHARAT HEAVY ELECTRICALS LTD.	69641	0	9545	0	79186
107	BHARAT PUMPS & COMPRESSORS LTD.	5353	0	4709	0	10062
108	BHEL ELECTRICAL MACHINES LTD.	1050	0	0	0	1050
109	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	12086	0	313	0	12399
110	BRIDGE & ROOF CO.(INDIA) LTD.	5499	0	0	0	5499
111	CEMENT CORPN. OF INDIA LTD.	81141	0	15090	0	96231
112	ENGINEERING PROJECTS (INDIA) LTD.	3542	0	0	0	3542
113	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	10	0	0	0	10
114	HEAVY ENGINEERING CORPN. LTD.	60608	0	0	0	60608
115	HINDUSTAN CABLES LTD.	486588	15392	0	0	501980
116	HINDUSTAN NEWSPRINT LTD.	10000	0	1208	0	11208
117	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	0	0
118	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	0
119	HINDUSTAN SALTS LTD.	5206	0	195	0	5401

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
120	HMT (INTERNATIONAL) LTD.	72	0	0	0	72
121	HMT BEARINGS LTD.	3771	0	0	0	3771
122	HMT CHINAR WATCHES LTD.	0	0	0	0	0
123	HMT LTD.	35560	0	22511	0	58071
124	HMT MACHINE TOOLS LTD.	27660	0	634	0	28294
125	HMT WATCHES LTD.	649	0	0	0	649
126	HOOGHLY PRINTING COMPANY LTD.	103	0	0	0	103
127	INSTRUMENTATION LTD.	2405	12201	0	0	14606
128	JAGDISHPUR PAPER MILLS LTD.	5	1800	0	0	1805
129	NAGALAND PULP & PAPER COMPANY LTD.	6662	10350	1509	0	18521
130	NEPA LTD.	58471	4954	687	0	64112
131	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1225	0	184	0	1409
132	RICHARDSON & CRUDDAS(1972) LTD.	15661	0	0	0	15661
133	SAMBHAR SALTS LTD.	100	0	1263	0	1363
134	SCOOTERS INDIA LTD.	8727	0	1200	0	9927
135	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	0	0
136	YULE ELECTRICAL LTD.	5	0	0	0	5
137	YULE ENGINEERING COMPANY LTD.	5	0	0	0	5
SUB TOTAL :		911584	44697	59078	0	1015359
MINISTRY OF HOME AFFAIRS						
138	DELHI POLICE HOUSING CORPORATION LTD.	500	0	0	0	500
SUB TOTAL :		500	0	0	0	500
MINISTRY OF HOUSING & URBAN AFFAIRS						
139	HINDUSTAN PREFAB LTD.	13477	0	0	0	13477
140	HINDUSTAN STEELWORKS COSTN. LTD.	7000	0	0	0	7000
141	HOUSING & URBAN DEV. CORPN. LTD.	200190	0	5749511	0	5949701
142	NBCC (INDIA) LTD.	18000	0	0	0	18000
143	NBCC ENGINEERING AND CONSULTANCY LTD.	100	0	0	0	100
144	NBCC ENVIRONMENT ENGINEERING LTD.	100	0	0	0	100
145	NBCC INTERNATIONAL LTD.	100	0	0	0	100
146	NBCC SERVICES LTD.	200	0	0	0	200
SUB TOTAL :		239167	0	5749511	0	5988678
MINISTRY OF HUMAN RESOURCE DEVELOPMENT						
D/O HIGHER EDUCATION						
147	EdCIL(India) Ltd.	1000	0	0	0	1000
SUB TOTAL :		1000	0	0	0	1000
MINISTRY OF INFORMATION & BROADCASTING						
148	BROADCAST ENGG. CONSULTANTS INDIA LTD.	137	0	0	0	137
149	NATIONAL FILM DEV. CORPN. LTD.	4540	0	20	0	4560
SUB TOTAL :		4677	0	20	0	4697
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES						
150	NATIONAL SMALL INDUSTRIES CORPN. LTD.	53299	0	5268	0	58567
SUB TOTAL :		53299	0	5268	0	58567
MINISTRY OF MINES						
151	HINDUSTAN COPPER LTD.	46261	0	57066	0	103327
152	MINERAL EXPLORATION CORPN. LTD.	11955	0	0	0	11955
153	NATIONAL ALUMINIUM COMPANY LTD.	93281	0	0	0	93281
SUB TOTAL :		151497	0	57066	0	208563

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
MINISTRY OF MINORITIES AFFAIRS						
154	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	180536	16872	0	0	197408
SUB TOTAL :		180536	16872	0	0	197408
MINISTRY OF NEW AND RENEWABLE ENERGY						
155	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	78460	0	1769390	0	1847850
156	SOLAR ENERGY CORPORATION OF INDIA	35400	0	0	0	35400
SUB TOTAL :		113860	0	1769390	0	1883250
MINISTRY OF PETROLEUM & NATURAL GAS						
157	BALMER LAWRIE & CO. LTD.	11400	0	1061	0	12461
158	BALMER LAWRIE INVESTMENTS LTD.	2220	0	0	0	2220
159	BHARAT GAS RESOURCES LTD.	16000	0	0	0	16000
160	BHARAT PETRO RESOURCES JPDA	6000	0	0	0	6000
161	BHARAT PETRO RESOURCES LTD.	500000	0	68849	0	568849
162	BHARAT PETROLEUM CORPN. LTD.	196688	0	2362857	0	2559545
163	BPCL-KIAL FUEL FARM PVT. LTD.	900	0	899	0	1799
164	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	900	0	0	0	900
165	CHENNAI PETROLEUM CORPORATION LTD.	14891	0	144351	0	159242
166	ENGINEERS INDIA LTD.	31596	0	0	0	31596
167	GAIL (INDIA) LTD.	225507	0	87058	0	312565
168	GAIL GAS LTD.	112700	0	15472	0	128172
169	HINDUSTAN PETROLEUM CORPN. LTD.	152421	0	1131722	0	1284143
170	HPCL BIOFUELS LTD.	62517	0	24657	0	87174
171	HPCL RAJASTHAN REFINERY LTD.	120325	0	161	0	120486
172	INDIAN OIL CORPORATION LTD.	918104	0	3466636	0	4384740
173	INDO CAT PRIVATE LTD.	1593	0	0	0	1593
174	MANGALORE REFINERY & PETROCHEMICALS LTD.	175266	0	322090	0	497356
175	NUMALIGARH REFINERY LTD.	73563	0	0	0	73563
176	OIL & NATURAL GAS CORPORATION LTD.	629015	0	0	0	629015
177	OIL INDIA INTERNATIONAL LTD.	10000	0	0	0	10000
178	OIL INDIA LTD.	108441	0	726678	0	835119
179	ONGC MANGALORE PETROCHEMICALS LTD.	212763	0	71485	0	284248
180	ONGC VIDESH LTD.	1500000	0	3704223	0	5204223
181	PRIZE PETROLEUM COMPANY LTD.	24500	0	0	0	24500
182	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	13507	0	5582	0	19089
SUB TOTAL :		5120817	0	12133781	0	17254598
MINISTRY OF POWER						
183	AJMER PHAGI TRANSCO LTD.	5	0	0	0	5
184	BALLABGARH - GN TRANSMISSION CO. LTD.	5	0	0	0	5
185	BHARTIYA RAIL BIJLEE CO. LTD.	216153	12159	537441	0	765753
186	BHIND GUNA TRANSMISSION LTD.	5	0	0	0	5
187	BIHAR INFRAPOWER LTD.	5	0	1	0	6
188	BIHAR MEGA POWER LTD.	5	0	4731	0	4736
189	BIJAWAR-VIDARBHA TRANSMISSION LTD	1	0	0	0	1
190	BUNDELKHAND SAUR URJA LTD.	400	0	0	0	400
191	CHANDIL TRANSMISSION LTD.	5	0	0	0	5
192	CHEYUR INFRA LTD.	5	0	3	0	8
193	CHHATTISHGARH SURGUJA POWER LTD.	5	0	0	0	5

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
194	COASTAL KARNATAKA POWER LTD.	5	0	165	0	170
195	COASTAL MAHARASHTRA MEGA POWER LTD.	5	0	4000	0	4005
196	COASTAL TAMIL NADU POWER LTD.	5	0	15301	0	15306
197	DEOGHAR INFRA LTD.	5	0	24	0	29
198	DEOGHAR MEGA POWER LTD.	5	0	1969	0	1974
199	DINGCHANG TRANSMISSION LTD.	5	0	0	0	5
200	DUMKA TRANSMISSION LTD.	5	0	0	0	5
201	GHOARPALLI INTEGRATED POWER COMPANY LTD.	5	0	2622	0	2627
202	JAM KHAMBALIYA TRANSCO LTD.	5	0	0	0	5
203	JHARKHAND INFRAPOWER LTD.	5	0	1	0	6
204	KANTI BIJLEE UTPADAN NIGAM LTD.	151067	0	220302	0	371369
205	KHETRI TRANSCO LTD.	5	0	0	0	5
206	KODERMA TRANSMISSION LTD.	5	0	0	0	5
207	LAKADIA BANASKANTHA TRANSCO LTD.	5	0	0	0	5
208	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	11769	0	0	0	11769
209	MANDAR TRANSMISSION LTD.	5	0	0	0	5
210	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	5	0	0	0	5
211	NABINAGAR POWER GENERATING COMPANY LTD.	398716	0	917500	0	1316216
212	NHDC LTD.	196258	0	0	0	196258
213	NHPC LTD.	1004503	0	1704463	0	2708966
214	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	360981	0	661882	0	1022863
215	NTPC ELECTRIC SUPPLY COMPANY LTD.	8	0	0	0	8
216	NTPC LTD.	989456	0	11969808	0	12959264
217	NTPC VIDYUT VYAPAR NIGAM LTD.	2000	0	0	0	2000
218	ODISHA INFRAPOWER LTD.	5	0	23	0	28
219	ORISSA INTEGRATED POWER LTD.	5	0	17413	0	17418
220	PATRATU VIDYUT UTPADAN NIGAM LTD.	31638	0	145236	0	176874
221	PFC CONSULTING LTD.	5	0	0	0	5
222	POWER GRID MITHILANCHAL TRANSMISSION LTD.	5	0	20353	0	20358
223	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	0	0	0	0	0
224	POWER FINANCE CORPORATION LTD.	264008	0	22152886	0	22416894
225	POWER GRID CORPORATION OF INDIA LTD.	523159	0	13103951	0	13627110
226	POWER GRID JABALPUR TRANSMISSION LTD.	17315	0	128958	0	146273
227	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	1	0	126978	0	126979
228	POWER GRID PARLI TRANSMISSION LTD.	22850	0	138050	0	160900
229	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	51550	0	270756	0	322306
230	POWER GRID VARANASI TRANSMISSION LTD.	5	0	20219	0	20224
231	POWER GRID VEMAGIRI TRANSMISSION LTD.	5	0	0	0	5
232	POWER GRID WARORA TRANSMISSION LTD.	32630	0	156700	0	189330
233	POWER SYSTEM OPERATION CORPORATION LTD.	3064	0	0	0	3064
234	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	5	0	460	0	465
235	POWERGRID KALA AMB TRANSMISSION LTD.	6100	0	19528	0	25628
236	POWERGRID NM TRANSMISSION LTD.	26400	0	103202	0	129602

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
237	POWERGRID UNCHAHAR TRANSMISSION LTD.	1296	0	4232	0	5528
238	POWERGRID VIZAG TRANSMISSION LTD.	20973	0	90450	0	111423
239	REC LTD.	197492	0	23323401	0	23520893
240	REC POWER DISTRIBUTION CO. LTD.	5	0	24	0	29
241	REC TRANSMISSION PROJECTS CO. LTD.	5	0	0	0	5
242	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	5	0	2137	0	2142
243	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	1	0	0	0	1
244	SJVN LTD.	392980	0	194046	0	587026
245	SJVN THERMAL PVT. LTD.	43668	0	0	0	43668
246	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	5	0	0	0	5
247	TANDA TRANSMISSION COMPANY LTD.	5	0	0	0	5
248	TATIYA ANDHRA MEGA POWER LTD.	5	0	0	0	5
249	THDC INDIA LTD.	365488	400	265201	0	631089
250	UDUPI KASARGODE TRANSMISSION LTD.	5	0	0	0	5
251	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	1	0	0	0	1
252	WRSS XXI(A) TRANSCO LIMITED	5	0	0	0	5
SUB TOTAL :		5332116	12559	76324417	0	81669092
MINISTRY OF RAILWAYS						
253	BHARAT WAGON & ENGG. CO. LTD.	7585	0	14418	0	22003
254	BRAITHWAITE & CO. LTD.	8342	0	1039	0	9381
255	BURN STANDARD COMPANY LTD.	0	0	0	0	0
256	CONCOR AIR LTD.	3665	0	0	0	3665
257	CONTAINER CORPORATION OF INDIA LTD.	30465	0	0	0	30465
258	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1076873	25405	1508453	0	2610731
259	FRESH & HEALTHY ENTERPRISES LTD.	15912	0	0	0	15912
260	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	11	0	0	0	11
261	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	16000	0	1472	0	17472
262	INDIAN RAILWAY FINANCE CORPORATION LTD.	938046	0	17425544	0	18363590
263	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	10405	0	13000	0	23405
264	IRCON INFRASTRUCTURE & SERVICES LTD.	6500	0	0	0	6500
265	IRCON INTERNATIONAL LTD.	9405	0	256000	0	265405
266	IRCON PB TOLLWAY LTD.	16500	0	30970	0	47470
267	IRCON SHIVPURI GUNA TOLLWAY LTD.	15000	0	51666	0	66666
268	IRCON VADODARA KIM EXPRESSWAY LTD.	600	0	0	0	600
269	KOLKATA METRO RAIL CORPORATION LTD.	140000	300	335731	0	476031
270	KONKAN RAILWAY CORPORATION LTD.	533905	1176	193908	0	728989
271	MUMBAI RAILWAY VIKAS CORPORATION LTD.	2500	0	0	0	2500
272	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	19852	0	7000	0	26852
273	RAIL VIKAS NIGAM LTD.	208502	0	302420	0	510922
274	RAILTEL CORPORATION INDIA LTD.	32094	0	0	0	32094
275	RAILTEL ENTERPRISES LTD.	1000	0	0	0	1000
276	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	7000	0	3993	0	10993
277	rites INFRASTRUCTURE SERVICES LTD.	0	0	0	0	0
278	rites LTD.	20000	0	0	0	20000

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
279	SIDCUL CONCOR INFRA COMPANY LTD.	9948	0	3	0	9951
SUB TOTAL :		3130110	26881	20145617	0	23302608
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS						
280	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	10300	0	0	0	10300
SUB TOTAL :		10300	0	0	0	10300
MINISTRY OF SCIENCE & TECHNOLOGY						
DEPT. OF BIOTECHNOLOGY						
281	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	4318	0	0	0	4318
282	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	100	0	0	0	100
283	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						
284	CENTRAL ELECTRONICS LTD.	6922	0	746	0	7668
285	NATIONAL RESEARCH DEVELOPMENT CORPN.	442	0	0	0	442
SUB TOTAL :		7364	0	746	0	8110
MINISTRY OF SHIPPING						
286	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0	0	0
287	COCHIN SHIPYARD LTD.	13154	0	12300	0	25454
288	HOOGHLY DOCK AND PORT ENGINEERS LTD.	2861	0	540	0	3401
289	HOOGHLY COCHIN SHIPYARD LTD.	2200	0	4400	0	6600
290	INLAND & COASTAL SHIPPING LTD.	5	0	0	0	5
291	KAMARAJAR PORT LTD.	30000	0	87197	0	117197
292	SAGARMALA DEVELOPMENT COMPANY LTD.	34000	0	0	0	34000
293	SETHUSAMUDRAM CORPN. LTD.	74500	0	0	0	74500
294	SHIPPING CORPORATION OF INDIA LTD.	46580	0	252666	0	299246
SUB TOTAL :		203300	0	357103	0	560403
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT						
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY						
295	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	5410	0	0	0	5410
296	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	39783	124	0	0	39907
SUB TOTAL :		45193	124	0	0	45317
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT						
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT						
297	NATIONAL BACKWARD CLASSES FINANCE & DEVP. CO.	131400	0	0	0	131400
298	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN.	62999	0	0	0	62999
299	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	148540	0	0	0	148540
SUB TOTAL :		342939	0	0	0	342939
MINISTRY OF STEEL						
300	CHHATTISGARH MEGA STEEL CO. LTD.	5	0	0	0	5
301	EASTERN INVESTMENT LTD.	144	0	0	0	144
302	FERRO SCRAP NIGAM LTD.	3200	0	0	0	3200
303	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
304	JHARKHAND KOLHAN STEEL LTD.	6	0	0	0	6
305	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	1	0	0	0	1
306	KARNATAKA VIJAY NAGAR STEEL LTD.	10	0	0	0	10
307	KIOCL LTD.	62193	0	0	0	62193
308	M S T C LTD.	7040	0	93	0	7133
309	MECON LTD.	4014	0	0	0	4014
310	MOIL LTD.	25761	0	0	0	25761
311	NMDC CSR FOUNDATION	200	0	0	0	200
312	NMDC Ltd.	30619	0	0	0	30619
313	NMDC POWER LTD.	55	0	0	0	55
314	NMDC STEEL LTD.	6	0	0	0	6
315	NMDC-CMDC LTD.	19284	0	0	0	19284
316	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	60	0	0	0	60
317	RASHTRIYA ISPAT NIGAM LTD.	488985	0	930926	0	1419911
318	SAIL REFRACTORY COMPANY LTD.	10	0	0	0	10
319	STEEL AUTHORITY OF INDIA LTD.	413053	0	3080266	0	3493319
320	THE BISRA STONE LIME COMPANY LTD.	8729	0	451	0	9180
SUB TOTAL :		1066349	0	4011736	0	5078085
MINISTRY OF TEXTILES						
321	BIRDS JUTE & EXPORTS LTD.	0	0	0	0	0
322	BRITISH INDIA CORPORATION LTD.	3171	0	8294	0	11465
323	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1085	0	80	0	1165
324	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1382	0	1447	0	2829
325	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1900	0	0	0	1900
326	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0	0	0
327	NATIONAL TEXTILE CORPN. LTD.	306216	0	0	0	306216
328	THE COTTON CORPN. OF INDIA LTD.	2500	0	0	0	2500
329	THE JUTE CORPN. OF INDIA LTD.	500	0	0	0	500
SUB TOTAL :		316754	0	9821	0	326575
MINISTRY OF TOURISM						
330	INDIA TOURISM DEV. CORPN. LTD.	8577	0	0	0	8577
331	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	97	0	2245	0	2342
332	PONDICHERRY ASHOK HOTEL CORPN. LTD.	160	0	0	0	160
333	PUNJAB ASHOK HOTEL COMPANY LTD.	249	0	0	0	249
334	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	490	0	0	0	490
335	UTKAL ASHOK HOTEL CORPN. LTD.	130	0	350	0	480
SUB TOTAL :		9703	0	2595	0	12298
MINISTRY OF TRIBAL AFFAIRS						
336	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	67590	0	0	0	67590
SUB TOTAL :		67590	0	0	0	67590
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION						
337	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	9453	0	0	0	9453
338	WAPCOS LTD.	10000	0	0	0	10000

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
SUB TOTAL :		19453	0	0	0	19453
DEPT. OF ATOMIC ENERGY						
339	ANUSHAKTI VIDHYUT NIGAM LTD.	10	0	0	0	10
340	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	461820	0	114983	0	576803
341	ELECTRONICS CORPN. OF INDIA LTD.	16337	0	0	0	16337
342	IREL (INDIA) LTD.	8637	0	0	0	8637
343	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	100	0	0	0	100
344	NPCIL - NALCO POWER COMPANY LTD.	10	0	0	0	10
345	NUCLEAR POWER CORPN. OF INDIA LTD.	1149124	70242	3776840	0	4996206
346	URANIUM CORPORATION OF INDIA LTD.	206962	0	0	0	206962
SUB TOTAL :		1843000	70242	3891823	0	5805065
DEPT. OF SPACE						
347	ANTRIX CORPORATION LTD.	680	0	0	0	680
348	NEWSPACE INDIA LTD.	1000	0	0	0	1000
SUB TOTAL :		1680	0	0	0	1680
GRAND TOTAL :		27569727	176875	136316190	0	164062792

STATEMENT - 8
DETAILS OF PARTICIPATION IN EQUITY OF PUBLIC ENTERPRISES BY DIFFERENT PARTIES
AS ON 31.3.2019

(₹ 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.CORP.LTD	0	0	0	0	0	0	0	0
2	HPCL BIOFUELS LTD.	0	0	62517	0	0	0	0	62517
3	NATIONAL SEEDS CORPN. LTD.	5732	0	0	0	0	0	0	5732
SUB TOTAL :		5732	0	62517	0	0	0	0	68249
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.	437302	0	0	43781	40732	0	94458	616273
7	EASTERN COALFIELDS LTD.	0	0	221845	0	0	0	0	221845
8	MAHANADI COALFIELDLS LTD.	0	0	66184	0	0	0	0	66184
9	NORTHERN COALFIELDS LTD.	0	0	63094	0	0	0	0	63094
10	SOUTH EASTERN COALFIELDS LTD.	0	0	66806	0	0	0	0	66806
11	WESTERN COALFIELDS LTD.	0	0	29710	0	0	0	0	29710
SUB TOTAL :		437302	0	753439	43781	40732	0	94458	1369712
CRUDE OIL									
12	BHARAT PETRO RESOURCES LTD.	0	0	500000	0	0	0	0	500000
13	OIL & NATURAL GAS CORPORATION LTD.	404185	0	0	40910	98760	224	84936	629015
14	OIL INDIA LTD.	66815	0	0	5366	18872	0	17388	108441
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 :		471000	0	2024500	46276	117632	224	102324	2761956
OTHER MINERALS & METALS									
17	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	3000	0	0	0	0	0	0	3000
18	HINDUSTAN COPPER LTD.	35181	0	0	63	691	0	10326	46261
19	IREL (INDIA) 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.	61605	0	0	0	317	0	271	62193
22	MOIL LTD.	14428	2495	0	1220	3409	8	4201	25761
23	NATIONAL ALUMINIUM COMPANY LTD.	48504	0	0	11479	7090	0	26208	93281
24	NMDC Ltd.	22131	0	0	0	5744	1	2743	30619
25	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	0	30	0	0	0	30	60
26	THE BISRA STONE LIME COMPANY LTD.	4334	0	4365	0	0	0	30	8729
27	URANIUM CORPORATION OF INDIA LTD.	206962	0	0	0	0	0	0	206962
SUB TOTAL :		404782	2495	7246	12762	17251	9	43932	488477
STEEL									
28	FERRO SCRAP NIGAM LTD.	0	0	3200	0	0	0	0	3200
29	MISHRA DHATU NIGAM LTD.	13863	0	0	29	2105	16	2721	18734
30	RASHTRIYA ISPAT NIGAM LTD.	488985	0	0	0	0	0	0	488985
31	STEEL AUTHORITY OF INDIA LTD.	309777	0	0	16950	61553	0	24773	413053
SUB TOTAL :		812625	0	3200	16979	63658	16	27494	923972

S. No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
PETROLEUM (REFINERY & MARKETING)									
32	BHARAT PETROLEUM CORPN. LTD.	115610	0	0	0	0	0	81078	196688
33	CHENNAI PETROLEUM CORPORATION LTD.	0	0	7726	3710	2019	0	1436	14891
34	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	77885	28337	26045	69	20085	152421
35	INDIAN OIL CORPORATION LTD.	491215	1080	0	67044	61189	0	297576	918104
36	MANGALORE REFINERY & PETROCHEMICALS LTD.	0	0	125535	3415	5791	0	40525	175266
37	NUMALIGARH REFINERY LTD.	0	9082	45355	0	0	0	19126	73563
SUB TOTAL :		606825	10162	256501	102506	95044	69	459826	1530933
FERTILIZERS									
38	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	36583	0	0	0	0	0	0	36583
39	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	58236	259	0	0	0	0	6212	64707
40	HINDUSTAN FERTILIZER CORPN. LTD.	68654	0	0	0	0	0	0	68654
41	MADRAS FERTILIZERS LTD.	9585	0	0	4152	0	16	2461	16214
42	NATIONAL FERTILIZERS LTD.	36653	0	0	0	8198	0	4207	49058
43	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	41377	0	0	1066	1329	0	11397	55169
44	THE FERTILIZER CORPN. OF INDIA LTD.	75092	0	0	0	0	0	0	75092
SUB TOTAL :		326180	259	0	5218	9527	16	24277	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	14177	99237	0	0	0	28353	141767
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
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.	0	0	0	0	0	0	0	0
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	108513	0	0	0	104250	212763
60	ORISSA DRUGS & CHEMICALS LTD.	0	0	0	0	0	0	0	0
61	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0	0	0	0
SUB TOTAL :		37659	14913	239879	32	0	6	138992	431481

S. No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
HEAVY & MEDIUM ENGINEERING									
62	BALMER LAWRIE & CO. LTD.	0	3	7045	383	883	0	3086	11400
63	BEL OPTRONICS DEVICES LTD.	0	0	7220	0	0	0	0	7220
64	BEL-THALES SYSTEMS LTD.	0	0	4264	288	0	0	1210	5762
65	BHARAT DYNAMICS LTD.	16083	0	0	164	735	4	1342	18328
66	BHARAT ELECTRONICS LTD.	14333	0	0	1967	4570	0	3496	24366
67	BHARAT HEAVY ELECTRICALS LTD.	43993	0	0	8309	5282	23	12034	69641
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	515	535	0	0	0	0	1050
71	BRAITHWAITE & CO. LTD.	8342	0	0	0	0	0	0	8342
72	BURN STANDARD COMPANY LTD.	0	0	0	0	0	0	0	0
73	CENTRAL ELECTRONICS LTD.	6922	0	0	0	0	0	0	6922
74	COCHIN SHIPYARD LTD.	9893	0	0	0	1674	4	1583	13154
75	ELECTRONICS CORPN. OF INDIA LTD.	16337	0	0	0	0	0	0	16337
76	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	8534	0	0	0	2915	6	0	11455
77	GOA SHIPYARD LTD.	2973	0	0	0	0	99	2748	5820
78	HEAVY ENGINEERING CORPN. LTD.	60608	0	0	0	0	0	0	60608
79	HINDUSTAN AERONAUTICS LTD.	30086	0	0	0	0	0	3353	33439
80	HINDUSTAN CABLES LTD.	486588	0	0	0	0	0	0	486588
81	HINDUSTAN SHIPYARD LTD.	30199	0	0	0	0	0	0	30199
82	HMT BEARINGS LTD.	0	0	3747	0	0	0	24	3771
83	HMT CHINAR WATCHES LTD.	0	0	0	0	0	0	0	0
84	HMT LTD.	27957	0	0	5	2	0	7596	35560
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.	86789	31	0	0	0	0	2880	89700
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	5000	0	0	0	0	5000
92	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	625	0	0	0	0	0	600	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.	8192	0	0	0	2	0	533	8727
96	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	0	0	0	0	0
97	VIGNYAN INDUSTRIES LTD.	0	0	269	0	0	0	10	279
SUB TOTAL :		914729	549	56399	11116	16063	136	40495	1039487
TRANSPORTATION VEHICLE & EQUIPMENT									
98	BEML LTD.	2250	0	0	154	207	0	1566	4177
SUB TOTAL :		2250	0	0	154	207	0	1566	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

S. No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
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.	0	0	0	0	0	0	0	0
104	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	0	0	0	0
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	103	0	0	0	0	103
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 :		291298	3156	16763	0	0	0	1120	312337
TEXTILES									
112	BIRDS JUTE & EXPORTS LTD.	0	0	0	0	0	0	0	0
113	BRITISH INDIA CORPORATION LTD.	3074	0	0	0	89	0	8	3171
114	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0	0	0	0	0	0
115	NATIONAL TEXTILE CORPN. LTD.	305481	0	0	0	0	0	735	306216
SUB TOTAL :		308555	0	0	0	89	0	743	309387
POWER GENERATION									
116	BHARTIYA RAIL BIJLEE CO. LTD.	56200	0	159953	0	0	0	0	216153
117	KANTI BIJLEE UTPADAN NIGAM LTD.	0	0	151067	0	0	0	0	151067
118	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	0	3060	8709	0	0	0	0	11769
119	NHDC LTD.	0	96016	100242	0	0	0	0	196258
120	NHPC LTD.	736596	0	0	50456	38657	179	178615	1004503
121	NLC INDIA LTD.	113579	5970	0	755	14178	77	4105	138664
122	NLC TAMIL NADU POWER LTD.	0	0	194736	0	0	0	24068	218804
123	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	360981	0	0	0	0	0	0	360981
124	NTPC LTD.	558117	0	0	0	391091	873	39375	989456
125	NUCLEAR POWER CORPN. OF INDIA LTD.	1149124	0	0	0	0	0	0	1149124
126	PATRATU VIDYUT UTPADAN NIGAM LTD.	0	0	23412	0	0	0	8226	31638
127	SJVN LTD.	243388	105501	0	0	0	0	44091	392980
128	THDC INDIA LTD.	271994	93494	0	0	0	0	0	365488
SUB TOTAL :		3489979	304041	638119	51211	443926	1129	298480	5226885
POWER TRANSMISSION									
129	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	0	8	0	0	0	0	8
130	POWER GRID CORPORATION OF INDIA LTD.	289650	0	0	133773	76344	271	23121	523159
131	POWER GRID JABALPUR TRANSMISSION LTD.	0	0	17315	0	0	0	0	17315
132	POWER GRID PARLI TRANSMISSION LTD.	0	0	22850	0	0	0	0	22850
133	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	0	0	51550	0	0	0	0	51550

S. No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
134	POWER GRID WARORA TRANSMISSION LTD.	0	0	32630	0	0	0	0	32630
135	POWER SYSTEM OPERATION CORPORATION LTD.	3064	0	0	0	0	0	0	3064
136	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	6100	0	0	0	0	6100
137	POWERGRID NM TRANSMISSION LTD.	0	0	26400	0	0	0	0	26400
138	POWERGRID UNCHAHAR TRANSMISSION LTD.	0	0	1296	0	0	0	0	1296
139	POWERGRID VIZAG TRANSMISSION LTD.	0	0	20973	0	0	0	0	20973
140	REC POWER DISTRIBUTION CO. LTD.	0	0	5	0	0	0	0	5
141	REC TRANSMISSION PROJECTS CO. LTD.	0	0	5	0	0	0	0	5
SUB TOTAL :		292714	0	179132	133773	76344	271	23121	705355
TRADING & MARKETING									
142	ANTRIX CORPORATION LTD.	680	0	0	0	0	0	0	680
143	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1085	0	0	0	0	0	0	1085
144	FOOD CORPN. OF INDIA	344758	0	0	0	0	0	0	344758
145	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1382	0	0	0	0	0	0	1382
146	HMT (INTERNATIONAL) LTD.	0	0	72	0	0	0	0	72
147	INDIA TRADE PROMOTION ORGANISATION	25	0	0	0	0	0	0	25
148	KARNATAKA TRADE PROMOTION ORGANISATION	0	980	1020	0	0	0	0	2000
149	M M T C LTD.	13489	0	0	0	630	0	881	15000
150	M S T C LTD.	4558	0	0	0	703	0	1779	7040
151	NATIONAL FILM DEV. CORPN. LTD.	4540	0	0	0	0	0	0	4540
152	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1900	0	0	0	0	0	0	1900
153	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	850	0	0	0	0	0	0	850
154	NORTH EASTERN REGIONAL AGRIL. MARKETING CORPLTD.	762	0	0	0	0	0	0	762
155	NTPC VIDYUT VYAPAR NIGAM LTD.	0	0	2000	0	0	0	0	2000
156	P E C LTD.	6000	0	0	0	0	0	0	6000
157	STATE TRADING CORPN. OF INDIA LTD.	5400	0	0	0	0	0	600	6000
158	STCL LTD.	0	0	150	0	0	0	0	150
159	TAMIL NADU TRADE PROMOTION ORGANISATION	0	0	1	0	0	0	0	1
160	THE COTTON CORPN. OF INDIA LTD.	2500	0	0	0	0	0	0	2500
161	THE JUTE CORPN. OF INDIA LTD.	500	0	0	0	0	0	0	500
SUB TOTAL :		388429	980	3243	0	1333	0	3260	397245
TRANSPORT AND LOGISTIC SERVICES									
162	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	2500	0	0	0	0	0	0	2500
163	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	13842	0	0	0	0	13842
164	AIR INDIA ENGINEERING SERVICES LTD.	0	0	16667	0	0	0	0	16667
165	AIR INDIA EXPRESS LTD.	0	0	78000	0	0	0	0	78000
166	AIR INDIA LTD.	3266521	0	0	0	0	0	0	3266521

S. No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
167	AIRLINE ALLIED SERVICES LTD.	0	0	40225	0	0	0	0	40225
168	AIRPORTS AUTHORITY OF INDIA	65656	0	0	0	0	0	0	65656
169	BPCL-KIAL FUEL FARM PVT. LTD.	0	0	666	0	0	0	234	900
170	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0	0	0	0	0	0
171	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	0	4056	0	0	0	0	4056
172	CENTRAL WAREHOUSING CORPN.	3742	0	0	0	2566	0	494	6802
173	CHANDIGARH INTERNATIONAL AIRPORT LTD.	49442	47503	0	0	0	0	0	96945
174	CONCOR AIR LTD.	0	0	3665	0	0	0	0	3665
175	CONTAINER CORPORATION OF INDIA LTD.	16694	0	0	8758	1800	0	3213	30465
176	FRESH & HEALTHY ENTERPRISES LTD.	0	0	15912	0	0	0	0	15912
177	GAIL (INDIA) LTD.	117703	0	0	0	79286	0	28518	225507
178	GAIL GAS LTD.	0	0	112700	0	0	0	0	112700
179	KAMARAJAR PORT LTD.	20000	0	0	0	0	0	10000	30000
180	PAWAN HANS LTD.	28432	0	0	0	0	0	27316	55748
181	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	9652	10200	0	0	0	0	19852
182	SHIPPING CORPORATION OF INDIA LTD.	29694	0	0	1130	7626	0	8130	46580
183	SIDCUL CONCOR INFRA COMPANY LTD.	0	2587	7361	0	0	0	0	9948
184	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	0	0	8103	0	0	0	5404	13507
SUB TOTAL :		3600384	59742	311397	9888	91278	0	83309	4155998
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES									
185	AGRINNOVATE INDIA LTD.	5000	0	0	0	0	0	0	5000
186	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	12086	0	0	0	0	0	0	12086
187	BRIDGE & ROOF CO.(INDIA) LTD.	5463	0	0	0	0	0	36	5499
188	BROADCAST ENGG. CONSULTANTS INDIA LTD.	137	0	0	0	0	0	0	137
189	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	0	0	3808	0	0	0	0	3808
190	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	0	0	900	0	0	0	0	900
191	DELHI POLICE HOUSING CORPORATION LTD.	500	0	0	0	0	0	0	500
192	EdCIL(India) Ltd.	1000	0	0	0	0	0	0	1000
193	ENGINEERING PROJECTS (INDIA) LTD.	3541	0	0	0	0	0	1	3542
194	ENGINEERS INDIA LTD.	16430	0	0	188	10146	0	4832	31596
195	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	11	0	0	0	0	11
196	HINDUSTAN PREFAB LTD.	13477	0	0	0	0	0	0	13477
197	HINDUSTAN STEELWORKS COSTN. LTD.	3430	0	3570	0	0	0	0	7000
198	HLL INFRA TECH SERVICES LTD.	0	0	200	0	0	0	0	200
199	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	10	0	0	0	0	10
200	HSCC (INDIA) LTD.	0	0	180	0	0	0	0	180
201	IIFCL PROJECTS LTD.	0	0	475	0	0	0	0	475

S. No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
202	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	0	0	10405	0	0	0	0	10405
203	IRCON INFRASTRUCTURE & SERVICES LTD.	0	0	6500	0	0	0	0	6500
204	IRCON INTERNATIONAL LTD.	8388	0	0	27	465	0	525	9405
205	IRCON PB TOLLWAY LTD.	0	0	16500	0	0	0	0	16500
206	IRCON SHIVPURI GUNA TOLLWAY LTD.	0	0	15000	0	0	0	0	15000
207	IRCON VADODARA KIM EXPRESSWAY LTD.	0	0	600	0	0	0	0	600
208	KONKAN RAILWAY CORPORATION LTD.	474886	59019	0	0	0	0	0	533905
209	MECON LTD.	4014	0	0	0	0	0	0	4014
210	MINERAL EXPLORATION CORPN. LTD.	11955	0	0	0	0	0	0	11955
211	MUMBAI RAILWAY VIKAS CORPORATION LTD.	1275	1225	0	0	0	0	0	2500
212	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	10300	0	0	0	0	0	0	10300
213	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	9348	105	0	0	0	0	0	9453
214	NATIONAL RESEARCH DEVELOPMENT CORPN.	442	0	0	0	0	0	0	442
215	NATIONAL SMALL INDUSTRIES CORPN. LTD.	53299	0	0	0	0	0	0	53299
216	NBCC (INDIA) LTD.	12272	0	0	0	0	0	5728	18000
217	NBCC ENGINEERING AND CONSULTANCY LTD.	0	0	100	0	0	0	0	100
218	NBCC SERVICES LTD.	0	0	200	0	0	0	0	200
219	PFC CONSULTING LTD.	0	0	5	0	0	0	0	5
220	PROJECTS & DEVELOPMENT INDIA LTD.	1730	0	0	0	0	0	0	1730
221	RAIL VIKAS NIGAM LTD.	208502	0	0	0	0	0	0	208502
222	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	3430	0	3570	0	0	0	0	7000
223	rites infrastructure services ltd.	0	0	0	0	0	0	0	0
224	rites ltd.	17480	0	0	0	0	0	2520	20000
225	SOLAR ENERGY CORPORATION OF INDIA	35400	0	0	0	0	0	0	35400
226	TCIL BINA TOLL ROAD LTD.	0	0	1957	0	0	0	0	1957
227	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	2311	0	0	0	0	2311
228	WAPCOS LTD.	10000	0	0	0	0	0	0	10000
SUB TOTAL :		923785	60349	66302	215	10611	0	13642	1074904
HOTEL AND TOURIST SERVICES									
229	HOTEL CORPN. OF INDIA LTD.	2700	0	11060	0	0	0	0	13760
230	INDIA TOURISM DEV. CORPN. LTD.	7464	0	0	0	0	0	1113	8577
231	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	16000	0	0	0	0	0	0	16000
232	PONDICHERRY ASHOK HOTEL CORPN. LTD.	0	0	82	0	0	0	78	160
233	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	240	250	0	0	0	0	490
234	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	130	0	0	0	0	130
SUB TOTAL :		26164	240	11522	0	0	0	1191	39117

S. No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
FINANCIAL SERVICES									
235	BALMER LAWRIE INVESTMENTS LTD.	1325	0	0	31	134	0	730	2220
236	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	100	0	0	0	0	0	0	100
237	E. C. G. C. LTD.	200000	0	0	0	0	0	0	200000
238	EASTERN INVESTMENT LTD.	23	0	76	1	1	0	43	144
239	HOUSING & URBAN DEV. CORPN. LTD.	179784	0	0	135	2345	111	17815	200190
240	IIFCL ASSET MANAGEMENT COMPANY LTD.	0	0	1250	0	0	0	0	1250
241	INDIA INFRASTRUCTURE FINANCE CO. LTD.	420232	0	0	0	0	0	0	420232
242	INDIAN RAILWAY FINANCE CORPORATION LTD.	938046	0	0	0	0	0	0	938046
243	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	78460	0	0	0	0	0	0	78460
244	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	5000	1000	0	0	1000	0	1000	8000
245	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	88	0	0	0	0	0	9	97
246	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	131400	0	0	0	0	0	0	131400
247	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	39783	0	0	0	0	0	0	39783
248	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	143500	37036	0	0	0	0	0	180536
249	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	62999	0	0	0	0	0	0	62999
250	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	148540	0	0	0	0	0	0	148540
251	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	67590	0	0	0	0	0	0	67590
252	NMDC CSR FOUNDATION	0	0	200	0	0	0	0	200
253	POWER FINANCE CORPORATION LTD.	155889	0	0	44292	49363	116	14348	264008
254	REC LTD.	0	0	103950	50052	21491	85	21914	197492
SUB TOTAL :		2572759	38036	105476	94511	74334	312	55859	2941287
TELECOMMUNICATION & INFORMATION TECHNOLOGY									
255	BHARAT BROADBAND NETWORK LTD.	6000	0	0	0	0	0	0	6000
256	BHARAT SANCHAR NIGAM LTD.	500000	0	0	0	0	0	0	500000
257	MAHANAGAR TELEPHONE NIGAM LTD.	35438	0	0	1085	12329	0	14148	63000
258	MILLENNIUM TELECOM LTD.	0	0	288	0	0	0	0	288
259	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	200	0	0	0	0	0	0	200
260	RAILTEL CORPORATION INDIA LTD.	32094	0	0	0	0	0	0	32094
261	RAILTEL ENTERPRISES LTD.	0	0	1000	0	0	0	0	1000
262	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5920	0	0	0	0	0	0	5920
SUB TOTAL :		579652	0	1288	1085	12329	0	14148	608502
ENTERPRISES UNDER CONSTRUCTION									
263	AJMER PHAGI TRANSCO LTD.	0	0	5	0	0	0	0	5
264	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	5	0	0	0	5	10

S. No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
265	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	5	0	0	0	0	5
266	BHARAT GAS RESOURCES LTD,	0	0	16000	0	0	0	0	16000
267	BHARAT PETRO RESOURCES JPDA	0	0	6000	0	0	0	0	6000
268	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	439112	0	22708	0	0	0	0	461820
269	BHIND GUNA TRANSMISSION LTD.	0	0	5	0	0	0	0	5
270	BIHAR INFRAPOWER LTD.	0	0	5	0	0	0	0	5
271	BIHAR MEGA POWER LTD.	0	0	5	0	0	0	0	5
272	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	1	0	0	0	0	1
273	BUNDELKHAND SAUR URJA LTD.	0	0	400	0	0	0	0	400
274	CHANDIL TRANSMISSION LTD.	0	0	5	0	0	0	0	5
275	CHEYYUR INFRA LTD.	0	0	5	0	0	0	0	5
276	CHHATTISGARH EAST RAILWAYS LTD.	0	1670	30172	0	0	0	12258	44100
277	CHHATTISGARH EAST-WEST RAILWAYS LTD.	0	5001	32288	0	0	0	13117	50406
278	CHHATTISGARH MEGA STEEL CO. LTD.	0	0	5	0	0	0	0	5
279	CHHATTISHGARH SURGUJA POWER LTD.	0	0	5	0	0	0	0	5
280	COASTAL KARNATAKA POWER LTD.	0	0	5	0	0	0	0	5
281	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	5	0	0	0	0	5
282	COASTAL TAMIL NADU POWER LTD.	0	0	5	0	0	0	0	5
283	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1076873	0	0	0	0	0	0	1076873
284	DEOGHAR INFRA LTD.	0	0	5	0	0	0	0	5
285	DEOGHAR MEGA POWER LTD.	0	0	5	0	0	0	0	5
286	DINGCHANG TRANSMISSION LTD.	0	0	5	0	0	0	0	5
287	DUMKA TRANSMISSION LTD.	0	0	5	0	0	0	0	5
288	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	0	0	5	0	0	0	5	10
289	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	5	0	0	0	0	5
290	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0	0	0	0	0	0
291	HLL MEDIPARK LTD	0	0	210	0	0	0	0	210
292	HOOGLY COCHIN SHIPYARD LTD.	0	0	1628	0	0	0	572	2200
293	HPCL RAJASTHAN REFINERY LTD.	0	31285	89040	0	0	0	0	120325
294	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	119499	0	0	0	0	0	0	119499
295	INDO CAT PRIVATE LTD.	0	0	1593	0	0	0	0	1593
296	INDO RUSSIAN HELICOPTERS LTD.	0	0	505	495	0	0	0	1000
297	INLAND & COASTAL SHIPPING LTD.	0	0	5	0	0	0	0	5
298	JAGDISHPUR PAPER MILLS LTD.	0	0	5	0	0	0	0	5
299	JAM KHAMBALIYA TRANSCO LTD.	0	0	5	0	0	0	0	5
300	JHARKHAND CENTRAL RAILWAY LTD.	500	0	3200	0	0	0	1300	5000
301	JHARKHAND INFRAPOWER LTD.	0	0	5	0	0	0	0	5
302	JHARKHAND KOLHAN STEEL LTD.	0	0	6	0	0	0	0	6
303	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	1	0	0	0	0	1
304	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	10	0	0	0	0	10
305	KHETRI TRANSCO LTD.	0	0	5	0	0	0	0	5
306	KODERMA TRANSMISSION LTD.	0	0	5	0	0	0	0	5

S. No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
307	KOLKATA METRO RAIL CORPORATION LTD.	140000	0	0	0	0	0	0	140000
308	LAKADIA BANASKANTHA TRANSCO LTD.	0	0	5	0	0	0	0	5
309	MAHANADI BASIN POWER LTD.	0	0	5	0	0	0	0	5
310	MAHANADI COAL RAILWAY LTD.	0	0	3	0	0	0	2	5
311	MAMC INDUSTRIES LTD.	0	0	0	0	0	0	0	0
312	MANDAR TRANSMISSION LTD.	0	0	5	0	0	0	0	5
313	MJSJ COAL LTD.	0	0	5706	0	0	0	3804	9510
314	MNH SHAKTI LTD.	0	0	5957	0	0	0	2553	8510
315	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	5	0	0	0	0	5
316	NABINAGAR POWER GENERATING COMPANY LTD.	0	0	398716	0	0	0	0	398716
317	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	100	0	0	0	0	100
318	NBCC INTERNATIONAL LTD.	0	0	100	0	0	0	0	100
319	NEWSPACE INDIA LTD.	1000	0	0	0	0	0	0	1000
320	NEYVELI UTTAR PRADESH POWER LTD	0	0	86345	0	0	0	82959	169304
321	NMDC POWER LTD.	0	0	55	0	0	0	0	55
322	NMDC STEEL LTD.	0	0	6	0	0	0	0	6
323	NMDC-CMDC LTD.	0	0	9835	0	0	0	9449	19284
324	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	0	0	74	0	0	0	26	100
325	NPCIL - NALCO POWER COMPANY LTD.	0	0	7	0	0	0	3	10
326	ODISHA INFRAPOWER LTD.	0	0	5	0	0	0	0	5
327	OIL INDIA INTERNATIONAL LTD.	0	0	10000	0	0	0	0	10000
328	ORISSA INTEGRATED POWER LTD.	0	0	5	0	0	0	0	5
329	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	5	0	0	0	0	5
330	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	0	0	0	0	0	0	0	0
331	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	0	0	1	0	0	0	0	1
332	POWER GRID VARANASI TRANSMISSION LTD.	0	0	5	0	0	0	0	5
333	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	5	0	0	0	0	5
334	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	0	0	5	0	0	0	0	5
335	PUNJAB ASHOK HOTEL COMPANY LTD.	0	122	127	0	0	0	0	249
336	SAGARMALA DEVELOPMENT COMPANY LTD.	34000	0	0	0	0	0	0	34000
337	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	5	0	0	0	0	5
338	SETHUSAMUDRAM CORPN. LTD.	49500	0	0	0	0	0	25000	74500
339	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0	1	0	0	0	0	1
340	SJVN THERMAL PVT. LTD.	0	0	43668	0	0	0	0	43668
341	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	5	0	0	0	0	5
342	TANDA TRANSMISSION COMPANY LTD.	0	0	5	0	0	0	0	5

S. No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
343	TATTIYA ANDHRA MEGA POWER LTD.	0	0	5	0	0	0	0	5
344	UDUPI KASARGODE TRANSMISSION LTD.	0	0	5	0	0	0	0	5
345	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	0	0	1	0	0	0	0	1
346	WRSS XXI(A) TRANSCO LIMITED	0	0	5	0	0	0	0	5
347	YULE ELECTRICAL LTD.	0	0	5	0	0	0	0	5
348	YULE ENGINEERING COMPANY LTD.	0	0	5	0	0	0	0	5
SUB TOTAL :		1860484	38078	764679	495	0	0	151053	2814789
GRAND TOTAL :		18353287	533000	5501602	530002	1070358	2188	1579290	27569727

STATEMENT - 9
DETAILS OF SHORT TERM BORROWINGS(SECURED+UNSECURED) OF CPSEs AS ON 31.3.2019

(₹ 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	9000	11557	0	0	20557
2	NATIONAL SEEDS CORPN. LTD.	0	0	0	918	0	0	918
SUB TOTAL :		0	0	9000	12475	0	0	21475
COAL								
3	SOUTH EASTERN COALFIELDS LTD.	0	0	0	73047	0	0	73047
SUB TOTAL :		0	0	0	73047	0	0	73047
CRUDE OIL								
4	OIL & NATURAL GAS CORPORATION LTD.	0	0	0	2159357	0	0	2159357
5	ONGC VIDESH LTD.	0	0	0	0	0	515744	515744
SUB TOTAL :		0	0	0	2159357	0	515744	2675101
OTHER MINERALS & METALS								
6	HINDUSTAN COPPER LTD.	0	0	0	49945	0	0	49945
7	NATIONAL ALUMINIUM COMPANY LTD.	0	0	0	6679	0	0	6679
8	NMDC Ltd.	0	0	0	36415	0	0	36415
9	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	0	0	12301	0	0	12301
10	URANIUM CORPORATION OF INDIA LTD.	0	0	0	0	0	10000	10000
SUB TOTAL :		0	0	0	105340	0	10000	115340
STEEL								
11	FERRO SCRAP NIGAM LTD.	0	0	0	975	0	0	975
12	MISHRA DHATU NIGAM LTD.	0	0	0	10609	0	0	10609
13	RASHTRIYA ISPAT NIGAM LTD.	0	0	0	972102	0	0	972102
14	STEEL AUTHORITY OF INDIA LTD.	0	0	0	639026	0	424096	1063122
SUB TOTAL :		0	0	0	1622712	0	424096	2046808
PETROLEUM (REFINERY & MARKETING)								
15	BHARAT PETROLEUM CORPN. LTD.	0	0	0	21112	163244	173719	358075
16	CHENNAI PETROLEUM CORPORATION LTD.	0	0	0	308999	0	178398	487397
17	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	0	1011465	0	367846	1379311
18	INDIAN OIL CORPORATION LTD.	0	0	0	844968	1413883	2600504	4859355
19	MANGALORE REFINERY & PETROCHEMICALS LTD.	0	0	0	30716	414960	40000	485676
20	NUMALIGARH REFINERY LTD.	0	0	0	328	0	0	328
SUB TOTAL :		0	0	0	2217588	1992087	3360467	7570142
FERTILIZERS								
21	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	0	0	0	47793	0	0	47793
22	MADRAS FERTILIZERS LTD.	107828	0	0	38725	0	10744	157297
23	NATIONAL FERTILIZERS LTD.	0	0	0	612211	0	0	612211
24	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	0	0	253547	0	35000	288547
SUB TOTAL :		107828	0	0	952276	0	45744	1105848
CHEMICALS & PHARMACEUTICALS								
25	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	0	0	0	3222	0	0	3222
26	BRAHAMPUTRA CRACKERS & POLYMER LTD.	0	0	0	13495	0	0	13495

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
27	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	328	0	0	328
28	HIL (INDIA) LTD.	0	0	0	14964	0	0	14964
29	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	14956	0	0	14956
30	HINDUSTAN FLUOROCARBONS LIMITED	0	0	0	409	0	0	409
31	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	82	0	0	0	0	0	82
32	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	298	0	0	298
33	ONGC MANGALORE PETROCHEMICALS LTD.	0	0	0	344585	0	0	344585
SUB TOTAL :		82	0	0	392257	0	0	392339
HEAVY & MEDIUM ENGINEERING								
34	BALMER LAWRIE & CO. LTD.	0	0	0	306	0	0	306
35	BEL Optronics DEVICES LTD.	0	0	622	0	0	0	622
36	BHARAT DYNAMICS LTD.	0	0	0	182	0	0	182
37	BHARAT HEAVY ELECTRICALS LTD.	0	0	0	95727	0	150000	245727
38	BHARAT PUMPS & COMPRESSORS LTD.	0	0	0	2687	0	137	2824
39	BHEL ELECTRICAL MACHINES LTD.	0	0	0	669	0	976	1645
40	BRAITHWAITE & CO. LTD.	0	0	0	-548	0	0	-548
41	CENTRAL ELECTRONICS LTD.	0	0	0	723	0	0	723
42	ELECTRONICS CORPN. OF INDIA LTD.	0	0	0	4485	0	0	4485
43	HEAVY ENGINEERING CORPN. LTD.	0	0	0	6684	0	0	6684
44	HINDUSTAN AERONAUTICS LTD.	0	0	0	405801	0	0	405801
45	HINDUSTAN SHIPYARD LTD.	0	0	0	9170	0	0	9170
46	HMT MACHINE TOOLS LTD.	0	0	13748	1857	0	0	15605
47	HOOGHLY DOCK AND PORT ENGINEERS LTD.	0	0	0	3	0	10	13
48	I T I LTD.	0	0	0	95871	0	0	95871
49	INSTRUMENTATION LTD.	0	0	0	9490	0	0	9490
50	VIGNYAN INDUSTRIES LTD.	0	0	0	166	0	0	166
SUB TOTAL :		0	0	14370	633273	0	151123	798766
TRANSPORATATION VEHICLE & EQUIPMENT								
51	BEML LTD.	0	0	0	9751	0	0	9751
SUB TOTAL :		0	0	0	9751	0	0	9751
INDUSTRIAL AND CONSUMER GOODS								
52	ANDREW YULE & COMPANY LTD.	0	0	0	5128	0	0	5128
53	HINDUSTAN NEWSPRINT LTD.	0	0	0	15386	0	0	15386
54	HLL LIFECARE LTD.	0	0	0	33305	0	0	33305
55	HOOGHLY PRINTING COMPANY LTD.	0	0	0	150	0	0	150
56	NAGALAND PULP & PAPER COMPANY LTD.	0	0	0	5125	0	0	5125
57	NEPA LTD.	0	0	0	2469	0	0	2469
58	SAMBHAR SALTS LTD.	0	0	0	168	0	0	168
SUB TOTAL :		0	0	0	61731	0	0	61731
TEXTILES								
59	BRITISH INDIA CORPORATION LTD.	0	0	0	0	0	11212	11212
60	NATIONAL TEXTILE CORPN. LTD.	27000	0	0	67	0	0	27067
SUB TOTAL :		27000	0	0	67	0	11212	38279

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
POWER GENERATION								
61	KANTI BIJLEE UTPADAN NIGAM LTD.	0	0	0	49166	0	0	49166
62	NHDC LTD.	0	0	0	1000	0	0	1000
63	NHPC LTD.	0	0	0	40600	0	0	40600
64	NLC INDIA LTD.	0	0	0	366800	0	0	366800
65	NLC TAMIL NADU POWER LTD.	0	0	68000	87853	0	0	155853
66	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	0	0	28237	0	0	28237
67	NTPC LTD.	0	0	0	290	0	1550000	1550290
68	NUCLEAR POWER CORPN. OF INDIA LTD.	0	0	0	70000	0	0	70000
69	THDC INDIA LTD.	0	0	0	121840	0	0	121840
SUB TOTAL :		0	0	68000	765786	0	1550000	2383786
POWER TRANSMISSION								
70	POWER GRID CORPORATION OF INDIA LTD.	0	0	0	0	0	430000	430000
SUB TOTAL :		0	0	0	0	0	430000	430000
TRADING & MARKETING								
71	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	0	0	0	14	0	0	14
72	FOOD CORPN. OF INDIA	8444533	0	0	0	0	0	8444533
73	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	0	423	0	0	423
74	M M T C LTD.	0	0	0	92193	0	0	92193
75	M S T C LTD.	0	0	0	60396	0	0	60396
76	P E C LTD.	0	0	0	141354	0	0	141354
77	STATE TRADING CORPN. OF INDIA LTD.	0	0	0	89623	0	0	89623
78	STCL LTD.	0	0	0	118526	0	0	118526
79	THE COTTON CORPN. OF INDIA LTD.	0	0	0	474460	0	0	474460
80	THE JUTE CORPN. OF INDIA LTD.	0	0	0	5	0	0	5
SUB TOTAL :		8444533	0	0	976994	0	0	9421527
TRANSPORT AND LOGISTIC SERVICES								
81	AIR INDIA EXPRESS LTD.	0	0	115104	130882	0	0	245986
82	AIR INDIA LTD.	0	0	0	2499434	0	263600	2763034
83	AIRLINE ALLIED SERVICES LTD.	0	0	163733	0	0	0	163733
84	CONTAINER CORPORATION OF INDIA LTD.	0	0	0	70065	0	0	70065
85	FRESH & HEALTHY ENTERPRISES LTD.	0	0	5548	0	0	0	5548
86	SHIPPING CORPORATION OF INDIA LTD.	0	0	0	158748	0	0	158748
87	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	0	0	230	0	0	0	230
SUB TOTAL :		0	0	284615	2859129	0	263600	3407344
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES								
88	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	6590	0	0	0	0	0	6590
89	BRIDGE & ROOF CO.(INDIA) LTD.	0	0	0	15111	0	0	15111
90	BROADCAST ENGG. CONSULTANTS INDIA LTD.	0	0	0	6310	0	0	6310
91	ENGINEERING PROJECTS (INDIA) LTD.	0	0	0	5885	0	0	5885
92	IRCON PB TOLLWAY LTD.	0	0	2815	0	0	0	2815

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
93	IRCON SHIVPURI GUNA TOLLWAY LTD.	0	0	4493	0	0	0	4493
94	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	171384	0	0	171384
95	TCIL BINA TOLL ROAD LTD.	0	0	0	821	0	0	821
96	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	0	480	0	0	480
SUB TOTAL :		6590	0	7308	199991	0	0	213889
HOTEL AND TOURIST SERVICES								
97	HOTEL CORPN. OF INDIA LTD.	0	0	32991	0	0	0	32991
98	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	0	0	0	391	391
99	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	518	0	0	0	518
SUB TOTAL :		0	0	33509	0	0	391	33900
FINANCIAL SERVICES								
100	HOUSING & URBAN DEV. CORPN. LTD.	0	0	0	55285	0	180000	235285
101	INDIA INFRASTRUCTURE FINANCE CO. LTD.	0	0	0	87234	0	0	87234
102	INDIAN RAILWAY FINANCE CORPORATION LTD.	0	0	0	0	0	296	296
103	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	865	0	0	24695	47870	17505	90935
104	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	0	0	0	0	0	15	15
105	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVT. CORPN	0	0	0	4230	0	1	4231
106	POWER FINANCE CORPORATION LTD.	0	0	0	1335718	0	971592	2307310
107	REC LTD.	0	0	0	0	339076	769632	1108708
SUB TOTAL :		865	0	0	1507162	386946	1939041	3834014
TELECOMMUNICATION & INFORMATION TECHNOLOGY								
108	BHARAT SANCHAR NIGAM LTD.	0	0	0	318634	0	0	318634
109	MAHANAGAR TELEPHONE NIGAM LTD.	0	0	0	762035	0	0	762035
110	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	0	0	13570	0	0	13570
SUB TOTAL :		0	0	0	1094239	0	0	1094239
ENTERPRISES UNDER CONSTRUCTION								
111	BHIND GUNA TRANSMISSION LTD.	0	0	88	0	0	0	88
112	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	37	0	0	0	37
113	CHANDIL TRANSMISSION LTD.	0	0	199	0	0	0	199
114	CHHATTISHGARH SURGUJA POWER LTD.	0	0	1804	0	0	377	2181
115	DUMKA TRANSMISSION LTD.	0	0	194	0	0	0	194
116	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	0	0	2	0	0	0	2
117	HLL MEDIPARK LTD	0	0	0	0	0	6	6
118	JAGDISHPUR PAPER MILLS LTD.	0	0	1061	0	0	0	1061
119	KODERMA TRANSMISSION LTD.	0	0	176	0	0	0	176
120	KOLKATA METRO RAIL CORPORATION LTD.	0	0	0	0	0	8452	8452
121	MANDAR TRANSMISSION LTD.	0	0	172	0	0	0	172
122	MJSJ COAL LTD.	0	0	110	0	0	13	123
123	OIL INDIA INTERNATIONAL LTD.	0	0	0	132	0	0	132
124	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	1940	0	0	0	1940
125	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	47	0	0	30	77
126	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0	224	0	0	1	225

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
127	TANDA TRANSMISSION COMPANY LTD.	0	0	2	0	0	0	2
128	UDUPI KASARGODE TRANSMISSION LTD.	0	0	26	0	0	0	26
129	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	0	0	181	0	0	0	181
130	YULE ELECTRICAL LTD.	0	0	4	0	0	2	6
131	YULE ENGINEERING COMPANY LTD.	0	0	2	0	0	0	2
SUB TOTAL :		0	0	6269	132	0	8881	15282
GRAND TOTAL :		8586898	0	423071	15643307	2379033	8710299	35742608

STATEMENT - 10
DETAILS OF LONG TERM BORROWINGS(SECURED+UNSECURED) OF CPSEs AS ON 31.3.2019

(Rs 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	24657	0	0	24657
2	NATIONAL SEEDS CORPN. LTD.	0	0	0	78	0	0	78
SUB TOTAL :		0	0	0	24735	0	0	24735
COAL								
3	BHARAT COKING COAL LTD.	0	0	0	0	0	235092	235092
4	EASTERN COALFIELDS LTD.	0	0	0	0	0	182096	182096
5	MAHANADI COALFIELDLS LTD.	0	0	0	571	0	0	571
SUB TOTAL :		0	0	0	571	0	417188	417759
CRUDE OIL								
6	BHARAT PETRO RESOURCES LTD.	0	0	68849	0	0	0	68849
7	OIL INDIA LTD.	0	0	0	0	726678	0	726678
8	ONGC VIDESH LTD.	0	0	0	1650750	0	2053473	3704223
SUB TOTAL :		0	0	68849	1650750	726678	2053473	4499750
OTHER MINERALS & METALS								
9	HINDUSTAN COPPER LTD.	0	0	0	57066	0	0	57066
10	THE BISRA STONE LIME COMPANY LTD.	0	0	451	0	0	0	451
SUB TOTAL :		0	0	451	57066	0	0	57517
STEEL								
11	MISHRA DHATU NIGAM LTD.	0	0	0	0	0	15667	15667
12	RASHTRIYA ISPAT NIGAM LTD.	0	0	0	930926	0	0	930926
13	STEEL AUTHORITY OF INDIA LTD.	0	0	0	2107257	33488	939521	3080266
SUB TOTAL :		0	0	0	3038183	33488	955188	4026859
PETROLEUM (REFINERY & MARKETING)								
14	BHARAT PETROLEUM CORPN. LTD.	0	2927	0	200000	810855	1349075	2362857
15	CHENNAI PETROLEUM CORPORATION LTD.	0	0	54733	84618	0	5000	144351
16	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	0	0	849547	282175	1131722
17	INDIAN OIL CORPORATION LTD.	0	0	0	0	3047245	419391	3466636
18	MANGALORE REFINERY & PETROCHEMICALS LTD.	26800	0	0	293034	0	2256	322090
SUB TOTAL :		26800	2927	54733	577652	4707647	2057897	7427656
FERTILIZERS								
19	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	57275	0	0	0	0	0	57275
20	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	177049	0	0	0	0	2040	179089
21	HINDUSTAN FERTILIZER CORPN. LTD.	0	0	0	0	0	1176	1176
22	MADRAS FERTILIZERS LTD.	7862	0	0	0	0	0	7862
23	NATIONAL FERTILIZERS LTD.	0	0	0	0	6122	21840	27962
24	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	0	0	42511	0	0	42511
SUB TOTAL :		242186	0	0	42511	6122	25056	315875
CHEMICALS & PHARMACEUTICALS								
25	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	20073	0	0	0	0	0	20073

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
26	BRAHAMPUTRA CRACKERS & POLYMER LTD.	0	0	20000	152099	0	101036	273135
27	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	0	0	51	51
28	HIL (INDIA) LTD.	0	0	0	0	0	891	891
29	HINDUSTAN ANTIBIOTICS LTD.	11600	0	0	0	0	4556	16156
30	HINDUSTAN ORGANIC CHEMICALS LTD.	24562	0	0	0	0	0	24562
31	HLL BIOTECH LTD.	0	0	0	28258	0	0	28258
32	IDPL (TAMILNADU) LTD.	0	0	4465	0	0	0	4465
33	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	975	0	0	975
34	ONGC MANGALORE PETROCHEMICALS LTD.	0	0	0	71485	0	0	71485
SUB TOTAL :		56235	0	24465	252817	0	106534	440051
HEAVY & MEDIUM ENGINEERING								
35	BALMER LAWRIE & CO. LTD.	0	0	0	1061	0	0	1061
36	BEL OPTRONICS DEVICES LTD.	0	0	1293	0	0	0	1293
37	BHARAT HEAVY ELECTRICALS LTD.	0	0	0	0	0	9545	9545
38	BHARAT PUMPS & COMPRESSORS LTD.	4709	0	0	0	0	0	4709
39	BHARAT WAGON & ENGG. CO. LTD.	14418	0	0	0	0	0	14418
40	BRAITHWAITE & CO. LTD.	1039	0	0	0	0	0	1039
41	CENTRAL ELECTRONICS LTD.	746	0	0	0	0	0	746
42	COCHIN SHIPYARD LTD.	0	0	0	0	0	12300	12300
43	HINDUSTAN AERONAUTICS LTD.	0	0	0	10000	0	0	10000
44	HINDUSTAN SHIPYARD LTD.	54121	0	0	0	0	0	54121
45	HMT LTD.	22511	0	0	0	0	0	22511
46	HMT MACHINE TOOLS LTD.	634	0	0	0	0	0	634
47	HOOGHLY DOCK AND PORT ENGINEERS LTD.	447	0	0	93	0	0	540
48	I T I LTD.	30000	0	0	0	0	0	30000
49	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	0	0	184	0	0	184
50	SCOOTERS INDIA LTD.	1200	0	0	0	0	0	1200
SUB TOTAL :		129825	0	1293	11338	0	21845	164301
TRANSPORATATION VEHICLE & EQUIPMENT								
51	BEML LTD.	0	297	0	0	0	30000	30297
SUB TOTAL :		0	297	0	0	0	30000	30297
INDUSTRIAL AND CONSUMER GOODS								
52	ANDREW YULE & COMPANY LTD.	0	0	0	0	0	30	30
53	CEMENT CORPN. OF INDIA LTD.	15090	0	0	0	0	0	15090
54	HINDUSTAN NEWSPRINT LTD.	0	0	0	1208	0	0	1208
55	HINDUSTAN SALTS LTD.	195	0	0	0	0	0	195
56	HLL LIFE CARE LTD.	0	0	0	6307	0	0	6307
57	NAGALAND PULP & PAPER COMPANY LTD.	0	0	1509	0	0	0	1509
58	NEPA LTD.	687	0	0	0	0	0	687
59	SAMBHAR SALTS LTD.	0	0	1263	0	0	0	1263
SUB TOTAL :		15972	0	2772	7515	0	30	26289

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
TEXTILES								
60	BRITISH INDIA CORPORATION LTD.	8294	0	0	0	0	0	8294
SUB TOTAL :		8294	0	0	0	0	0	8294
POWER GENERATION								
61	BHARTIYA RAIL BIJLEE CO. LTD.	0	0	0	149875	0	387566	537441
62	KANTI BIJLEE UTPADAN NIGAM LTD.	0	0	11000	158644	0	50658	220302
63	NHPC LTD.	335283	0	0	20000	0	1349180	1704463
64	NLC INDIA LTD.	0	0	0	390418	43733	397500	831651
65	NLC TAMIL NADU POWER LTD.	0	0	0	25530	0	260711	286241
66	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	29120	0	0	26606	50770	555386	661882
67	NTPC LTD.	0	0	0	4549740	3633148	3786920	11969808
68	NUCLEAR POWER CORPN. OF INDIA LTD.	936840	0	0	1250000	0	1590000	3776840
69	PATRATU VIDYUT UTPADAN NIGAM LTD.	0	83236	0	0	0	62000	145236
70	SJVN LTD.	0	0	0	16688	177358	0	194046
71	THDC INDIA LTD.	0	0	0	118326	0	146875	265201
SUB TOTAL :		1301243	83236	11000	6705827	3905009	8586796	20593111
POWER TRANSMISSION								
72	POWER GRID CORPORATION OF INDIA LTD.	0	0	0	2473600	3855763	6774588	13103951
73	POWER GRID JABALPUR TRANSMISSION LTD.	0	0	128958	0	0	0	128958
74	POWER GRID PARLI TRANSMISSION LTD.	0	0	138050	0	0	0	138050
75	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	0	0	270756	0	0	0	270756
76	POWER GRID WARORA TRANSMISSION LTD.	0	0	156700	0	0	0	156700
77	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	19528	0	0	0	19528
78	POWERGRID NM TRANMISSION LTD.	0	0	103202	0	0	0	103202
79	POWERGRID UNCHAHAR TRANSMISSION LTD.	0	0	4232	0	0	0	4232
80	POWERGRID VIZAG TRANSMISSION LTD.	0	0	61450	0	0	29000	90450
81	REC POWER DISTRIBUTION CO. LTD.	0	0	0	0	0	24	24
SUB TOTAL :		0	0	882876	2473600	3855763	6803612	14015851
TRADING & MARKETING								
82	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	80	0	0	0	0	0	80
83	FOOD CORPN. OF INDIA	0	0	0	0	0	1573770	1573770
84	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	0	369	0	1078	1447
85	M S T C LTD.	0	0	0	93	0	0	93
86	NATIONAL FILM DEV. CORPN. LTD.	0	0	0	20	0	0	20
87	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	1400	0	0	0	0	0	1400
88	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	2503	0	0	0	0	0	2503
SUB TOTAL :		3983	0	0	482	0	1574848	1579313
TRANSPORT AND LOGISTIC SERVICES								
89	AIR INDIA EXPRESS LTD.	0	0	0	17780	0	0	17780

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
90	AIR INDIA LTD.	0	0	0	75979	0	754017	829996
91	AIRPORTS AUTHORITY OF INDIA	0	0	0	0	3716	0	3716
92	BPCL-KIAL FUEL FARM PVT. LTD.	0	0	0	899	0	0	899
93	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	0	180	0	0	0	180
94	CHANDIGARH INTERNATIONAL AIRPORT LTD.	0	0	0	0	0	70	70
95	GAIL (INDIA) LTD.	0	0	0	0	37014	50044	87058
96	GAIL GAS LTD.	0	0	0	15472	0	0	15472
97	KAMARAJAR PORT LTD.	0	0	0	16265	0	70932	87197
98	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0	7000	0	0	7000
99	SHIPPING CORPORATION OF INDIA LTD.	0	0	0	252666	0	0	252666
100	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	0	0	0	3	3
101	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	0	0	0	5582	0	0	5582
SUB TOTAL :		0	0	180	391643	40730	875066	1307619
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES								
102	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	0	0	0	313	313
103	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	0	0	0	0	0	13000	13000
104	IRCON INTERNATIONAL LTD.	0	0	0	0	0	256000	256000
105	IRCON PB TOLLWAY LTD.	0	0	30970	0	0	0	30970
106	IRCON SHIVPURI GUNA TOLLWAY LTD.	0	0	51666	0	0	0	51666
107	KONKAN RAILWAY CORPORATION LTD.	0	0	0	18908	0	175000	193908
108	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	0	5268	0	5268
109	RAIL VIKAS NIGAM LTD.	0	0	0	0	0	302420	302420
110	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	0	0	0	3993	0	0	3993
111	TCIL BINA TOLL ROAD LTD.	0	0	7881	3982	0	0	11863
112	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	3707	3020	0	0	6727
SUB TOTAL :		0	0	94224	29903	5268	746733	876128
HOTEL AND TOURIST SERVICES								
113	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	0	0	0	0	1472	1472
114	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0	0	0	350	350
SUB TOTAL :		0	0	0	0	0	1822	1822
FINANCIAL SERVICES								
115	HOUSING & URBAN DEV. CORPN. LTD.	0	0	0	324438	40087	5384986	5749511
116	INDIA INFRASTRUCTURE FINANCE CO. LTD.	0	0	0	0	0	3207407	3207407
117	INDIAN RAILWAY FINANCE CORPORATION LTD.	0	0	0	3283477	0	14142067	17425544
118	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	26372	0	0	73118	915943	753957	1769390
119	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	0	0	0	0	0	2245	2245
120	POWER FINANCE CORPORATION LTD.	750000	0	0	2972900	2256031	16173955	22152886
121	REC LTD.	512184	0	0	1855508	3055949	17899760	23323401
SUB TOTAL :		1288556	0	0	8509441	6268010	57564377	73630384

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
TELECOMMUNICATION & INFORMATION TECHNOLOGY								
122	BHARAT BROADBAND NETWORK LTD.	0	0	166172	0	0	0	166172
123	BHARAT SANCHAR NIGAM LTD.	750000	0	0	1255008	0	0	2005008
124	MAHANAGAR TELEPHONE NIGAM LTD.	0	0	0	845313	0	301902	1147215
SUB TOTAL :		750000	0	166172	2100321	0	301902	3318395
ENTERPRISES UNDER CONSTRUCTION								
125	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	100000	0	0	0	0	14983	114983
126	BIHAR INFRAPOWER LTD.	0	0	1	0	0	0	1
127	BIHAR MEGA POWER LTD.	0	0	9	0	0	4722	4731
128	CHEYUR INFRA LTD.	0	0	3	0	0	0	3
129	CHHATTISGARH EAST RAILWAYS LTD.	0	0	0	124928	0	0	124928
130	CHHATTISGARH EAST-WEST RAILWAYS LTD.	0	0	5411	0	0	5835	11246
131	COASTAL KARNATAKA POWER LTD.	0	0	165	0	0	0	165
132	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	0	0	0	4000	4000
133	COASTAL TAMIL NADU POWER LTD.	0	0	7000	0	0	8301	15301
134	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1270942	0	0	0	0	237511	1508453
135	DEOGHAR INFRA LTD.	0	0	24	0	0	0	24
136	DEOGHAR MEGA POWER LTD.	0	0	342	0	0	1627	1969
137	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	1064	0	0	1558	2622
138	HOOGLY COCHIN SHIPYARD LTD.	0	0	0	0	0	4400	4400
139	HPCL RAJASTHAN REFINERY LTD.	0	0	0	0	0	161	161
140	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	0	0	0	0	0	437	437
141	JHARKHAND INFRAPOWER LTD.	0	0	1	0	0	0	1
142	KOLKATA METRO RAIL CORPORATION LTD.	152931	9600	0	0	0	173200	335731
143	NABINAGAR POWER GENERATING COMPANY LTD.	0	0	0	40000	0	877500	917500
144	NEYVELI UTTAR PRADESH POWER LTD	0	0	0	0	0	319836	319836
145	ODISHA INFRAPOWER LTD.	0	0	23	0	0	0	23
146	ORISSA INTEGRATED POWER LTD.	0	0	8802	0	0	8611	17413
147	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	20353	0	0	0	20353
148	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	0	0	126978	0	0	0	126978
149	POWER GRID VARANASI TRANSMISSION LTD.	0	0	20219	0	0	0	20219
150	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	0	0	460	0	0	0	460
151	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	503	0	0	1634	2137
SUB TOTAL :		1523873	9600	191358	164928	0	1664316	3554075
GRAND TOTAL :		5346967	96060	1498373	26039283	19548715	83786683	136316081

STATEMENT - 11

STATE-WISE CPSEs WITH GROSS BLOCK & EMPLOYMENT DURING THE LAST THREE YEARS

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
ANDAMAN & NICOBAR ISLANDS							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	15	0	15	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	39	0	39	41	39	41
3	AIRLINE ALLIED SERVICES LTD.	0	0	0	70	0	0
4	AIRPORTS AUTHORITY OF INDIA	31209	48	16966	45	11582	0
5	BHARAT SANCHAR NIGAM LTD.	39005	228	36887	0	35199	0
6	CENTRAL WAREHOUSING CORPN.	135	4	135	2	135	7
7	ELECTRONICS CORPN. OF INDIA LTD.	0	12	0	0	0	0
8	HOUSING & URBAN DEV. CORPN. LTD.	0	2	0	2	0	2
9	INDIAN OIL CORPORATION LTD.	9566	42	7980	41	8883	37
10	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	1	10	2	5	0
11	NHPC LTD.	0	0	0	0	0	1
12	NLC INDIA LTD.	1047	4	0	0	0	0
13	NTPC LTD.	5025	1	5085	1	5020	2
14	POWER GRID CORPORATION OF INDIA LTD.	0	0	0	0	0	1
15	rites LTD.	0	2	0	2	0	2
16	SHIPPING CORPORATION OF INDIA LTD.	4	11	0	0	4	8
17	SOLAR ENERGY CORPORATION OF INDIA	763	0	763	0	1	0
18	STEEL AUTHORITY OF INDIA LTD.	0	0	175	0	0	0
STATE TOTAL :		86808	355	68055	206	60868	101
ANDHRA PRADESH							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	57	0	57	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	442	0	442	56	442	56
3	AIR INDIA EXPRESS LTD.	0	0	0	1	0	0
4	AIRLINE ALLIED SERVICES LTD.	0	19	0	11	0	58
5	AIRPORTS AUTHORITY OF INDIA	103136	730	112522	769	83697	0
6	BALMER LAWRIE & CO. LTD.	690	11	519	11	494	13
7	BEML LTD.	0	0	0	8	579	8
8	BHARAT BROADBAND NETWORK LTD.	0	0	0	4	170	6
9	BHARAT DYNAMICS LTD.	7331	86	5398	82	4026	77
10	BHARAT ELECTRONICS LTD.	9345	290	9061	313	21782	813
11	BHARAT HEAVY ELECTRICALS LTD.	15891	845	15787	930	15740	1008
12	BHARAT PETROLEUM CORPN. LTD.	99641	162	89049	163	62740	160
13	BHARAT SANCHAR NIGAM LTD.	925526	9688	1949394	19937	1888341	21253
14	BHARTIYA RAIL BIJLEE CO. LTD.	0	5	0	0	0	0
15	BRIDGE & ROOF CO.(INDIA) LTD.	568	16	290	53	1000	63
16	CEMENT CORPN. OF INDIA LTD.	0	0	0	1	0	0
17	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	173	2	47	2	28	2
18	CENTRAL WAREHOUSING CORPN.	10374	250	15069	420	12480	410
19	CONTAINER CORPORATION OF INDIA LTD.	37690	27	33414	29	20330	28

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
20	E. C. G. C. LTD.	55	7	210	7	56	7
21	ELECTRONICS CORPN. OF INDIA LTD.	9	18	9	19	9	19
22	ENGINEERING PROJECTS (INDIA) LTD.	1	5	0	6	0	5
23	ENGINEERS INDIA LTD.	0	58	0	64	0	22
24	FERRO SCRAP NIGAM LTD.	1710	131	1207	137	1030	147
25	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	25	9	25	11	36	7
26	FOOD CORPN. OF INDIA	24080	1928	14369	1871	13592	1971
27	GAIL (INDIA) LTD.	162920	141	120233	144	133594	141
28	GAIL GAS LTD.	0	0	580	0	481	0
29	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	0	2	0	0	0	0
30	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	13	1	13	2	13	2
31	HIL (INDIA) LTD.	10	7	9	7	8	9
32	HINDUSTAN AERONAUTICS LTD.	0	7	0	7	0	7
33	HINDUSTAN ANTIBIOTICS LTD.	3	3	3	7	3	9
34	HINDUSTAN CABLES LTD.	1156	0	2915	0	0	0
35	HINDUSTAN PETROLEUM CORPN. LTD.	1473332	1693	1063972	1640	909146	1655
36	HINDUSTAN PREFAB LTD.	0	0	0	0	0	1
37	HINDUSTAN SHIPYARD LTD.	36571	1028	35654	1178	22580	1350
38	HINDUSTAN STEELWORKS COSTN. LTD.	74	3	0	3	39	4
39	HLL LIFECARE LTD.	51	6	0	30	2	4
40	HOUSING & URBAN DEV. CORPN. LTD.	37	15	34	14	31	11
41	HSCC (INDIA) LTD.	0	5	0	3	0	1
42	I T I LTD.	0	1	0	1	0	2
43	INDIA TOURISM DEV. CORPN. LTD.	5	1	4	1	4	2
44	INDIAN OIL CORPORATION LTD.	293336	527	252348	513	241389	508
45	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	115	58	115	53	117
46	INSTRUMENTATION LTD.	4	2	4	2	4	2
47	IRCON INFRASTRUCTURE & SERVICES LTD.	147	0	147	0	147	0
48	IRCON INTERNATIONAL LTD.	0	6	0	0	0	0
49	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	23	0	28	0	34
50	KIOCL LTD.	0	1	0	1	0	4
51	M M T C LTD.	44	32	44	42	70	46
52	M S T C LTD.	24	19	3	9	3	11
53	MADRAS FERTILIZERS LTD.	19	17	20	18	20	19
54	MANGALORE REFINERY & PETROCHEMICALS LTD.	420	0	420	0	420	0
55	MECON LTD.	104	27	104	26	101	29
56	MINERAL EXPLORATION CORPN. LTD.	260	29	4	12	112	32
57	MISHRA DHATU NIGAM LTD.	653	0	494	0	0	0
58	MOIL LTD.	900	0	899	0	899	0
59	NATIONAL ALUMINIUM COMPANY LTD.	26745	50	26257	49	26007	47
60	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	19	8	18	8	16	10

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
61	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	5	0	0	0	0
62	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	0	0	5	0	9
63	NATIONAL RESEARCH DEVELOPMENT CORPN.	1	1	0	1	0	0
64	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	2	1	2	0	0
65	NATIONAL SEEDS CORPN. LTD.	0	0	0	0	0	12
66	NATIONAL SMALL INDUSTRIES CORPN. LTD.	3771	43	3738	6	3710	6
67	NATIONAL TEXTILE CORPN. LTD.	274	230	183	255	188	133
68	NBCC (INDIA) LTD.	0	19	0	36	0	52
69	NHPC LTD.	0	1	0	1	0	2
70	NLC INDIA LTD.	0	2	0	0	0	0
71	NMDC Ltd.	166	27	2970	29	198	31
72	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	3	0	0	0	0
73	NTPC LTD.	858993	610	854511	681	836021	750
74	OIL & NATURAL GAS CORPORATION LTD.	625582	1839	535054	1765	593146	1582
75	OIL INDIA LTD.	126792	43	97558	45	88796	46
76	P E C LTD.	0	0	0	4	0	4
77	POWER GRID CORPORATION OF INDIA LTD.	1273247	287	1144723	283	1091335	244
78	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	340960	0	245596	0	49595	0
79	POWERGRID VIZAG TRANSMISSION LTD.	115935	0	115957	0	129934	3
80	RAIL VIKAS NIGAM LTD.	100	59	78	62	212	55
81	RAILTEL CORPORATION INDIA LTD.	49813	6	46874	7	44341	8
82	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	7	0	7	0	7
83	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	25	6	14	14	15	8
84	RASHTRIYA ISPAT NIGAM LTD.	3406145	17172	3215815	17135	3053402	17404
85	REC LTD.	22	3	0	3	0	0
86	REC POWER DISTRIBUTION CO. LTD.	4	1	1	1	1	1
87	rites LTD.	0	74	0	78	68	38
88	SCOOTERS INDIA LTD.	0	1	0	1	0	2
89	SJVN LTD.	0	8	0	9	0	9
90	SOLAR ENERGY CORPORATION OF INDIA	272	0	61	0	0	0
91	STATE TRADING CORPN. OF INDIA LTD.	4	4	0	0	2038	26
92	STEEL AUTHORITY OF INDIA LTD.	3006	53	4779	60	4779	64
93	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	9	0	10	0	8
94	THE COTTON CORPN. OF INDIA LTD.	174	47	109	191	109	77
95	THE JUTE CORPN. OF INDIA LTD.	3	1	3	3	3	4
96	URANIUM CORPORATION OF INDIA LTD.	181368	498	181145	489	179421	485
97	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	17072	8	13522	0	0	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
98	WAPCOS LTD.	107	31	80	4	57	3
STATE TOTAL :		10237428	39156	10213878	49952	9539083	51263
ARUNACHAL PRADESH							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	4	0	4	0	4	0
2	AIRLINE ALLIED SERVICES LTD.	0	4	0	0	0	0
3	AIRPORTS AUTHORITY OF INDIA	2927	17	275	10	192	0
4	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	4	0	0	0	0
5	BHARAT PETROLEUM CORPN. LTD.	287	0	287	0	287	0
6	BRIDGE & ROOF CO.(INDIA) LTD.	100	0	57	9	0	7
7	ENGINEERING PROJECTS (INDIA) LTD.	0	0	0	1	0	1
8	FOOD CORPN. OF INDIA	3274	82	3163	100	2980	157
9	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	0	0	0	1	0	0
10	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	0	0	2	0
11	HINDUSTAN PREFAB LTD.	0	0	0	9	0	11
12	HLL LIFECARE LTD.	0	0	0	2	0	0
13	HOUSING & URBAN DEV. CORPN. LTD.	1	3	1	3	1	2
14	HSCC (INDIA) LTD.	0	0	0	1	0	2
15	INDIAN OIL CORPORATION LTD.	27140	37	20123	37	15717	33
16	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	1	0	0
17	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	8	20	5	16	0
18	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	3	0	26	0	30
19	NBCC (INDIA) LTD.	0	0	0	1	0	0
20	NHPC LTD.	785632	324	744250	384	699250	401
21	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1059956	285	976282	655	858658	691
22	OIL INDIA LTD.	17671	101	22885	101	26506	105
23	POWER GRID CORPORATION OF INDIA LTD.	79405	107	77137	112	69653	91
24	RAILTEL CORPORATION INDIA LTD.	0	27	0	4	0	4
25	REC LTD.	7	2	0	3	0	0
26	REC POWER DISTRIBUTION CO. LTD.	5	2	1	1	0	1
27	rites LTD.	0	2	0	2	0	1
28	SJVN LTD.	0	0	1531	0	1257	0
STATE TOTAL :		1976409	1009	1846016	1468	1674523	1537
ASSAM							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	405	0	318	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	186	0	186	113	186	113
3	AIR INDIA EXPRESS LTD.	0	1	0	0	0	0
4	AIRLINE ALLIED SERVICES LTD.	1	0	0	0	1	0
5	AIRPORTS AUTHORITY OF INDIA	97346	693	70438	647	63227	0
6	ANDREW YULE & COMPANY LTD.	14322	7671	11488	7580	9270	7545

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
7	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	4	3	4	3	3	3
8	BEML LTD.	13	20	12	24	12	26
9	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	0	0	1	4
10	BHARAT BROADBAND NETWORK LTD.	0	0	0	1	0	0
11	BHARAT PETRO RESOURCES LTD.	1464	0	1166	0	904	0
12	BHARAT PETROLEUM CORPN. LTD.	32925	31	24362	33	14584	30
13	BHARAT PUMPS & COMPRESSORS LTD.	1	2	1	2	1	1
14	BHARAT SANCHAR NIGAM LTD.	357009	3269	347839	3502	333958	3670
15	BRAHAMPUTRA CRACKERS & POLYMER LTD.	872387	621	864388	617	858904	592
16	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	113674	593	113383	608	114202	643
17	BRIDGE & ROOF CO.(INDIA) LTD.	54	15	47	6	0	11
18	CEMENT CORPN. OF INDIA LTD.	9492	113	9595	137	9036	131
19	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	0	0	0	0	1
20	CENTRAL WAREHOUSING CORPN.	1839	30	1800	67	1859	75
21	COAL INDIA LTD.	14374	1262	12863	1513	8067	1687
22	CONTAINER CORPORATION OF INDIA LTD.	1315	5	1115	6	785	6
23	E. C. G. C. LTD.	0	1	0	1	0	1
24	ELECTRONICS CORPN. OF INDIA LTD.	0	4	0	0	0	0
25	ENGINEERING PROJECTS (INDIA) LTD.	44	20	43	19	43	17
26	ENGINEERS INDIA LTD.	0	40	0	41	0	40
27	FOOD CORPN. OF INDIA	25843	607	21229	717	20882	896
28	GAIL (INDIA) LTD.	20324	37	203	39	-16992	59
29	HINDUSTAN PETROLEUM CORPN. LTD.	13180	23	9208	23	7644	26
30	HINDUSTAN PREFAB LTD.	0	0	0	6	0	16
31	HINDUSTAN STEELWORKS COSTN. LTD.	7	0	3	0	4	0
32	HLL LIFECARE LTD.	550	4	344	99	0	0
33	HOUSING & URBAN DEV. CORPN. LTD.	382	21	379	24	384	24
34	HSCC (INDIA) LTD.	0	3	0	3	0	4
35	INDIA TOURISM DEV. CORPN. LTD.	0	0	0	0	0	3
36	INDIAN OIL CORPORATION LTD.	902557	4106	710299	4070	563489	4147
37	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	512	26	21	26	19	26
38	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	1	0	0
39	M M T C LTD.	0	3	0	3	0	3
40	M S T C LTD.	2	5	2	5	1	2
41	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	26	14	17	10	8	7
42	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	0	28	8	20	0
43	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	208	52	238	52	220	54
44	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	1	1	1	1	1
45	NATIONAL SEEDS CORPN. LTD.	0	0	0	0	0	7

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
46	NATIONAL SMALL INDUSTRIES CORPN. LTD.	203	26	203	25	201	24
47	NATIONAL TEXTILE CORPN. LTD.	4	2	4	2	46	2
48	NBCC (INDIA) LTD.	446	14	337	41	365	43
49	NHPC LTD.	0	1	0	1	0	0
50	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	192	30	77	36	180	40
51	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	238109	1287	236334	599	230799	652
52	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	440	26	415	26	2	0
53	NTPC LTD.	802826	294	753756	309	691329	237
54	NUMALIGARH REFINERY LTD.	364528	830	323550	813	284687	823
55	OIL & NATURAL GAS CORPORATION LTD.	1884719	5499	1673553	5940	1521028	6496
56	OIL INDIA LTD.	1502346	6116	1316120	5962	1134773	6225
57	POWER GRID CORPORATION OF INDIA LTD.	942467	352	931154	360	855127	353
58	POWER SYSTEM OPERATION CORPORATION LTD.	431	7	431	0	431	0
59	RAIL VIKAS NIGAM LTD.	48	5	35	0	1	0
60	RAILTEL CORPORATION INDIA LTD.	0	6	0	6	0	9
61	REC LTD.	68	8	56	9	41	8
62	REC POWER DISTRIBUTION CO. LTD.	7	1	2	1	0	1
63	rites LTD.	0	9	0	9	0	12
64	SJVN LTD.	0	2	0	2	0	2
65	STEEL AUTHORITY OF INDIA LTD.	1811	22	701	25	1379	24
66	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1	3	1	1	1	1
67	THE JUTE CORPN. OF INDIA LTD.	9	27	7	34	7	59
68	WAPCOS LTD.	16	7	14	7	24	7
STATE TOTAL :		8219118	33870	7437770	34215	6711144	34889
BIHAR							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	55	0	55	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	293	0	293	86	293	86
3	AIRPORTS AUTHORITY OF INDIA	19144	384	14783	264	13813	0
4	BALMER LAWRIE & CO. LTD.	0	1	0	1	0	1
5	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	0	0	1	1
6	BHARAT BROADBAND NETWORK LTD.	0	0	0	6	6	5
7	BHARAT PETROLEUM CORPN. LTD.	104508	115	79127	120	40032	124
8	BHARAT SANCHAR NIGAM LTD.	663878	4268	665736	4564	642534	4863
9	BHARAT WAGON & ENGG. CO. LTD.	2324	0	2325	60	2324	597
10	BHARTIYA RAIL BIJLEE CO. LTD.	831809	92	761095	222	689456	173
11	BIHAR INFRAPOWER LTD.	5	0	4	0	2	0
12	BIHAR MEGA POWER LTD.	1271	0	810	0	476	0
13	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	575	61	374	61	1189	149

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
14	BRIDGE & ROOF CO.(INDIA) LTD.	0	60	0	0	0	0
15	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	6	0	6	0	6	0
16	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	3032	2	1741	3	1087	2
17	CENTRAL WAREHOUSING CORPN.	3813	77	3640	113	3825	90
18	COAL INDIA LTD.	6	12	6	10	3	12
19	CONTAINER CORPORATION OF INDIA LTD.	142	6	143	5	144	7
20	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	0	0	0	0	0	11
21	ENGINEERING PROJECTS (INDIA) LTD.	16	6	16	8	15	20
22	ENGINEERS INDIA LTD.	0	3	0	2	0	11
23	FOOD CORPN. OF INDIA	6080	896	5253	936	4913	1072
24	GAIL (INDIA) LTD.	5473	13	34439	11	0	13
25	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	10	0	10	0
26	HINDUSTAN ANTIBIOTICS LTD.	3	13	3	17	3	23
27	HINDUSTAN FERTILIZER CORPN. LTD.	1108	0	1111	0	17970	1
28	HINDUSTAN PETROLEUM CORPN. LTD.	67924	104	56670	106	49773	99
29	HINDUSTAN PREFAB LTD.	0	0	0	1	0	9
30	HINDUSTAN STEELWORKS COSTN. LTD.	35	1	27	1	29	2
31	HLL LIFECARE LTD.	45	1	14	33	0	0
32	HOUSING & URBAN DEV. CORPN. LTD.	191	11	189	13	193	13
33	HPCL BIOFUELS LTD.	58239	729	58779	736	58335	744
34	I T I LTD.	0	3	0	2	0	2
35	INDIA TOURISM DEV. CORPN. LTD.	0	20	287	40	262	18
36	INDIAN OIL CORPORATION LTD.	782383	1898	600036	1824	490529	1805
37	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1520	69	1482	69	1399	101
38	IRCON INFRASTRUCTURE & SERVICES LTD.	11	1	1278	1	11	0
39	IRCON INTERNATIONAL LTD.	17	196	810	146	266	103
40	KANTI BIJLEE UTPADAN NIGAM LTD.	480332	223	463615	230	446975	192
41	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	32	0	31	0	26
42	M S T C LTD.	0	1	0	0	0	0
43	MECON LTD.	0	19	0	17	0	13
44	NABINAGAR POWER GENERATING COMPANY LTD.	1422470	223	0	0	0	0
45	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	0	1	0	1
46	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	107	64	0	72	161	82
47	NATIONAL SEEDS CORPN. LTD.	141	53	132	56	122	41
48	NATIONAL SMALL INDUSTRIES CORPN. LTD.	103	14	105	8	35	6
49	NATIONAL TEXTILE CORPN. LTD.	16	4	16	4	54	15
50	NBCC (INDIA) LTD.	282	38	203	71	214	122
51	NHPC LTD.	34	26	21	12	24	13
52	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	67	0	0	0	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
53	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0	0	143	18
54	NTPC LTD.	3413938	2194	3009948	1470	2810634	1573
55	OIL & NATURAL GAS CORPORATION LTD.	0	0	69	0	0	0
56	OIL INDIA LTD.	0	89	5510	85	892	92
57	PFC CONSULTING LTD.	0	0	8	0	0	0
58	POWER GRID MITHILANCHAL TRANSMISSION LTD.	19478	0	2567	0	0	0
59	POWER GRID CORPORATION OF INDIA LTD.	1089951	444	1028996	423	936482	433
60	RAIL VIKAS NIGAM LTD.	38	9	37	6	36	6
61	RAILTEL CORPORATION INDIA LTD.	0	11	0	11	0	11
62	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	6	0	6	0	7
63	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	556	32	0	0	0	0
64	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	6	4	3	4	2	6
65	RASHTRIYA ISPAT NIGAM LTD.	41	6	40	7	36	7
66	REC LTD.	97	12	88	13	79	15
67	REC POWER DISTRIBUTION CO. LTD.	9	0	2	1	2	1
68	rites LTD.	0	35	0	32	0	29
69	SCOOTERS INDIA LTD.	0	0	0	1	0	0
70	SJVN LTD.	2100	87	2100	91	1848	96
71	SJVN THERMAL PVT. LTD.	53919	66	49615	66	47003	71
72	STEEL AUTHORITY OF INDIA LTD.	13396	12	13254	12	12822	12
73	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	10	2	9	3	9	2
74	THE JUTE CORPN. OF INDIA LTD.	7	22	6	35	5	40
75	WAPCOS LTD.	17	8	9	7	9	7
STATE TOTAL :		9050954	12847	6866895	12236	6276486	13094
CHANDIGARH							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	320	0	320	36	320	36
2	AIRPORTS AUTHORITY OF INDIA	0	68	11647	64	23833	0
3	BALMER LAWRIE & CO. LTD.	0	2	0	0	0	3
4	BHARAT BROADBAND NETWORK LTD.	0	0	0	4	0	3
5	BHARAT PETROLEUM CORPN. LTD.	316	27	271	25	1024	30
6	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	0	0	118	46
7	CENTRAL WAREHOUSING CORPN.	1252	24	1218	10	1218	28
8	COAL INDIA LTD.	0	0	23	12	5	14
9	E. C. G. C. LTD.	20	4	21	4	21	4
10	GAIL (INDIA) LTD.	40	11	0	9	29	11
11	HIL (INDIA) LTD.	0	0	0	0	5	19
12	HINDUSTAN PETROLEUM CORPN. LTD.	21502	58	2622	55	2772	51
13	HLL LIFECARE LTD.	95	1	72	11	0	0
14	HOUSING & URBAN DEV. CORPN. LTD.	215	28	213	28	212	31
15	HSCC (INDIA) LTD.	0	4	0	0	0	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
16	I T I LTD.	0	3	0	0	0	10
17	INDIAN OIL CORPORATION LTD.	8764	185	6820	175	14256	162
18	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	17	0	17	0	13	0
19	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	6	0	8	0	19
20	M S T C LTD.	4	7	2	6	1	1
21	NATIONAL FERTILIZERS LTD.	0	0	0	0	150	0
22	NATIONAL SEEDS CORPN. LTD.	858	21	828	21	827	16
23	NATIONAL SMALL INDUSTRIES CORPN. LTD.	23	5	13	4	13	5
24	NBCC (INDIA) LTD.	0	4	0	2	0	18
25	NHPC LTD.	414	44	0	18	0	20
26	NTPC LTD.	0	6	0	4	0	4
27	POWER GRID CORPORATION OF INDIA LTD.	9601	21	642	19	102	18
28	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	0	0	292	0
29	RAIL VIKAS NIGAM LTD.	99	6	0	4	4	0
30	RAILTEL CORPORATION INDIA LTD.	0	20	0	6	0	7
31	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	11	0	10	0	10
32	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	5	0	0	0	0
33	RASHTRIYA ISPAT NIGAM LTD.	0	9	0	9	0	9
34	REC POWER DISTRIBUTION CO. LTD.	2	1	0	1	0	1
35	rites LTD.	0	1	0	1	0	0
36	SCOOTERS INDIA LTD.	0	0	0	0	0	1
37	SJVN LTD.	0	6	0	6	0	6
38	STEEL AUTHORITY OF INDIA LTD.	0	19	117	20	117	20
39	THDC INDIA LTD.	0	1	0	1	0	0
40	WAPCOS LTD.	7	18	8	9	31	11
STATE TOTAL :		43549	626	24854	582	45363	614
CHHATTISGARH							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	117	0	117	21	117	21
2	AIRPORTS AUTHORITY OF INDIA	47819	104	28314	86	11399	0
3	BALMER LAWRIE & CO. LTD.	0	1	0	0	0	0
4	BEML LTD.	341	88	291	92	317	94
5	BHARAT BROADBAND NETWORK LTD.	0	0	0	4	25	3
6	BHARAT PETROLEUM CORPN. LTD.	36536	33	28293	34	13800	37
7	BHARAT SANCHAR NIGAM LTD.	329820	1413	315097	1539	298575	1633
8	BHARTIYA RAIL BIJLEE CO. LTD.	0	1	0	0	0	0
9	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	417	68	417	68	99	9
10	BRIDGE & ROOF CO.(INDIA) LTD.	229	2	0	0	0	5
11	BROADCAST ENGG. CONSULTANTS INDIA LTD.	0	1	0	0	0	0
12	CEMENT CORPN. OF INDIA LTD.	6383	2	6382	2	6387	2

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
13	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	5210	619	4898	618	4033	651
14	CENTRAL WAREHOUSING CORPN.	5490	109	5489	83	5075	76
15	CHHATTISGARH EAST RAILWAYS LTD.	144979	12	103231	10	74095	10
16	CHHATTISGARH EAST-WEST RAILWAYS LTD.	56452	12	50979	10	27270	10
17	CONTAINER CORPORATION OF INDIA LTD.	8842	5	7627	7	5290	7
18	E. C. G. C. LTD.	18	3	3	2	0	0
19	ENGINEERING PROJECTS (INDIA) LTD.	9	14	9	20	9	24
20	FERRO SCRAP NIGAM LTD.	2505	184	2203	201	1662	206
21	FOOD CORPN. OF INDIA	7610	685	7341	693	6799	699
22	GAIL (INDIA) LTD.	0	0	0	0	0	1
23	HINDUSTAN PETROLEUM CORPN. LTD.	37054	88	31451	95	26743	92
24	HINDUSTAN PREFAB LTD.	0	0	0	2	0	14
25	HINDUSTAN STEELWORKS COSTN. LTD.	702	4	744	4	498	9
26	HLL LIFECARE LTD.	170	1	131	20	0	2
27	HOUSING & URBAN DEV. CORPN. LTD.	240	15	115	15	115	13
28	HSCC (INDIA) LTD.	0	4	0	5	0	8
29	I T I LTD.	0	15	0	5	0	15
30	INDIAN OIL CORPORATION LTD.	132650	162	104250	163	97056	163
31	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	999	5	993	5	959	5
32	INSTRUMENTATION LTD.	17	2	17	2	17	2
33	IRCON INFRASTRUCTURE & SERVICES LTD.	1936	2	818	0	818	0
34	IRCON INTERNATIONAL LTD.	221	115	123	105	101	56
35	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	7	0	10	0	10
36	KIOCL LTD.	0	0	0	1	0	1
37	M S T C LTD.	5	7	3	4	1	4
38	MECON LTD.	748	103	747	114	744	120
39	MINERAL EXPLORATION CORPN. LTD.	3403	297	3471	373	1864	343
40	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	1	1	1
41	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	5	14	145	11	6	9
42	NATIONAL SEEDS CORPN. LTD.	0	0	0	0	0	3
43	NATIONAL SMALL INDUSTRIES CORPN. LTD.	6	6	6	5	5	5
44	NATIONAL TEXTILE CORPN. LTD.	0	0	0	0	0	2
45	NBCC (INDIA) LTD.	0	14	0	19	0	9
46	NMDC Ltd.	1574925	4110	1423391	3531	1239164	3630
47	NMDC-CMDC LTD.	21331	2	17733	2	7358	2
48	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	1	0	0	0	0
49	NTPC LTD.	3023082	2423	2752123	2471	2530573	2493
50	OIL INDIA LTD.	0	2	0	3	0	1
51	POWER GRID CORPORATION OF INDIA LTD.	1765417	294	1416318	293	1224006	285
52	RAIL VIKAS NIGAM LTD.	174	28	147	32	153	32
53	RAILTEL CORPORATION INDIA LTD.	0	5	0	6	0	5

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
54	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	1	0	1	0	0
55	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	7	2	6	0	6	2
56	REC LTD.	8	4	0	4	0	3
57	REC POWER DISTRIBUTION CO. LTD.	6	1	1	1	1	2
58	rites LTD.	98	119	74	111	79	117
59	SCOOTERS INDIA LTD.	0	0	0	0	0	1
60	SJVN LTD.	0	50	0	3	0	3
61	SOUTH EASTERN COALFIELDS LTD.	963533	41448	865962	43797	677871	45989
62	STEEL AUTHORITY OF INDIA LTD.	3042147	21382	2916938	22655	2682177	24528
63	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	44	7	42	4	42	7
64	THE FERTILIZER CORPN. OF INDIA LTD.	1165	0	1165	0	1165	0
65	WAPCOS LTD.	9	3	9	2	21	5
STATE TOTAL :		11222879	74100	10097614	77365	8946496	81479
DADRA NAGARHAVLI							
1	BALMER LAWRIE & CO. LTD.	5159	31	4922	31	4690	32
2	GAIL (INDIA) LTD.	0	4	14663	4	0	4
3	HINDUSTAN PETROLEUM CORPN. LTD.	10255	0	9542	0	9135	0
4	INDIAN OIL CORPORATION LTD.	4628	31	3931	31	2761	32
5	NATIONAL SMALL INDUSTRIES CORPN. LTD.	3	2	0	0	0	4
6	POWER GRID CORPORATION OF INDIA LTD.	29451	10	25857	9	18870	9
7	rites LTD.	0	4	0	2	0	0
STATE TOTAL :		49496	82	58915	77	35456	81
DAMAN AND DIU							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	0	6	0	6
2	AIRPORTS AUTHORITY OF INDIA	7041	20	575	19	399	0
3	BHARAT PETROLEUM CORPN. LTD.	23	0	16	0	16	0
4	BHARAT PUMPS & COMPRESSORS LTD.	0	0	0	0	0	6
5	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	699	0	654	0
6	INDIAN OIL CORPORATION LTD.	777	4	788	4	52	4
7	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	3	0	0
8	POWER GRID CORPORATION OF INDIA LTD.	26207	11	25181	12	23723	12
STATE TOTAL :		34048	35	27259	44	24844	28
DELHI							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	120	5	90	0	0	0
2	AGRINNOVATE INDIA LTD.	118	2	118	2	114	2
3	AIR INDIA AIR TRANSPORT SERVICES LTD.	113	0	113	529	113	529
4	AIR INDIA ENGINEERING SERVICES LTD.	42419	4440	42303	4440	46896	4440
5	AIR INDIA EXPRESS LTD.	44	190	51	163	29	95

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
6	AIR INDIA LTD.	3018077	9989	2961155	11827	3000423	11827
7	AIRLINE ALLIED SERVICES LTD.	966	369	387	364	371	382
8	AIRPORTS AUTHORITY OF INDIA	212483	2871	190642	3725	192819	0
9	ANDREW YULE & COMPANY LTD.	14	11	14	8	13	8
10	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	7	4	7	4	4	4
11	BALMER LAWRIE & CO. LTD.	0	0	405	66	386	67
12	BEML LTD.	865	82	838	51	821	53
13	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	2	1	0	0	2	5
14	BHARAT BROADBAND NETWORK LTD.	0	0	224878	34	1500	32
15	BHARAT DYNAMICS LTD.	2660	7	2657	7	2657	7
16	BHARAT GAS RESOURCES LTD.	0	2	0	0	0	0
17	BHARAT HEAVY ELECTRICALS LTD.	20191	1228	15768	1161	13345	804
18	BHARAT PETRO RESOURCES LTD.	1	0	1	0	1	0
19	BHARAT PETROLEUM CORPN. LTD.	24852	203	28755	215	19804	230
20	BHARAT PUMPS & COMPRESSORS LTD.	1	3	1	4	1	0
21	BHARAT SANCHAR NIGAM LTD.	0	0	845506	1438	1169169	1460
22	BHARTIYA RAIL BIJLEE CO. LTD.	0	7	0	0	0	0
23	BHIND GUNA TRANSMISSION LTD.	4	0	0	0	0	0
24	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	332	42	321	43	318	39
25	BRIDGE & ROOF CO.(INDIA) LTD.	94	3	54	13	0	13
26	BROADCAST ENGG. CONSULTANTS INDIA LTD.	9	63	8	61	3	54
27	CEMENT CORPN. OF INDIA LTD.	2308	65	912	69	5353	81
28	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1892	221	1863	209	1827	219
29	CENTRAL ELECTRONICS LTD.	0	2	0	3	0	3
30	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1541	30	1498	34	1490	24
31	CENTRAL WAREHOUSING CORPN.	3978	189	10312	233	18432	236
32	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	3	7	3	6	2	6
33	CHANDIL TRANSMISSION LTD.	15	0	0	0	0	0
34	CHENNAI PETROLEUM CORPORATION LTD.	0	0	0	0	44	0
35	CHHATTISHGARH SURGUJA POWER LTD.	0	0	0	0	6	0
36	COAL INDIA LTD.	8376	122	7421	122	823	103
37	CONTAINER CORPORATION OF INDIA LTD.	38980	526	38462	529	32180	504
38	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	294382	182	1219	84	136749	261
39	DINGCHANG TRANSMISSION LTD.	0	0	58	0	88	0
40	DUMKA TRANSMISSION LTD.	15	0	0	0	0	0
41	E. C. G. C. LTD.	6392	58	6448	56	6450	54
42	ELECTRONICS CORPN. OF INDIA LTD.	765	84	765	89	771	96
43	ENGINEERING PROJECTS (INDIA) LTD.	1386	120	1569	131	1295	127
44	ENGINEERS INDIA LTD.	9450	1050	9407	1155	8844	1176
45	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	13	2	14	2	21	1
46	FERRO SCRAP NIGAM LTD.	0	3	0	1	0	1

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
47	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	7	5	7	7	7	7
48	FOOD CORPN. OF INDIA	13480	1106	12167	1130	11620	1158
49	FRESH & HEALTHY ENTERPRISES LTD.	0	0	0	0	0	21
50	GAIL (INDIA) LTD.	6381	445	6985	436	4451	429
51	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	195	5	107	7	0	0
52	GOA SHIPYARD LTD.	105	4	103	2	35	2
53	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	18162	10	18236	10	18232	11
54	HEAVY ENGINEERING CORPN. LTD.	0	10	0	10	0	12
55	HIL (INDIA) LTD.	1754	67	989	70	847	69
56	HINDUSTAN AERONAUTICS LTD.	8028	46	7161	46	510	42
57	HINDUSTAN ANTIBIOTICS LTD.	13	10	13	11	13	12
58	HINDUSTAN COPPER LTD.	81	16	82	16	82	17
59	HINDUSTAN FERTILIZER CORPN. LTD.	0	0	0	0	16	3
60	HINDUSTAN PETROLEUM CORPN. LTD.	53577	508	50876	517	37575	480
61	HINDUSTAN PREFAB LTD.	256	193	595	184	794	27
62	HINDUSTAN SHIPYARD LTD.	0	0	0	0	0	2
63	HINDUSTAN STEELWORKS COSTN. LTD.	309	0	285	2	298	2
64	HLL INFRA TECH SERVICES LTD.	0	0	0	0	3	0
65	HLL LIFECARE LTD.	5800	33	332	48	0	40
66	HMT (INTERNATIONAL) LTD.	0	0	100	1	100	0
67	HOTEL CORPN. OF INDIA LTD.	3341	306	2856	361	1756	512
68	HOUSING & URBAN DEV. CORPN. LTD.	9204	408	5332	430	10501	447
69	HSCC (INDIA) LTD.	6835	13	0	13	0	17
70	I T I LTD.	22	0	21	92	20	97
71	IIFCL ASSET MANAGEMENT COMPANY LTD.	12	6	12	6	11	6
72	IIFCL PROJECTS LTD.	27	15	27	16	30	15
73	INDIA INFRASTRUCTURE FINANCE CO. LTD.	30054	85	20539	86	15530	93
74	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	95233	0	0	0	0	0
75	INDIA TOURISM DEV. CORPN. LTD.	6425	797	5774	851	5777	1062
76	INDIA TRADE PROMOTION ORGANISATION	133959	639	30885	712	4467	758
77	INDIAN OIL CORPORATION LTD.	145910	2381	149581	2382	120702	2419
78	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	24994	426	23002	426	24159	417
79	INDIAN RAILWAY FINANCE CORPORATION LTD.	1200	24	1161	24	1748	18
80	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	3107	160	2997	145	6151	148
81	INSTRUMENTATION LTD.	91	13	91	13	91	13
82	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	0	1	0	0	0	0
83	IRCON INFRASTRUCTURE & SERVICES LTD.	20	31	17	27	10	9
84	IRCON INTERNATIONAL LTD.	9034	432	11695	468	12049	418
85	IRCON PB TOLLWAY LTD.	4	3	0	0	1	0
86	IRCON SHIVPURI GUNA TOLLWAY LTD.	1	2	1	0	1	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
87	IRCON VADODARA KIM EXPRESSWAY LTD.	1	2	0	0	0	0
88	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	7	0	9	0	10
89	KIOCL LTD.	0	4	0	4	0	5
90	KODERMA TRANSMISSION LTD.	15	0	0	0	0	0
91	KONKAN RAILWAY CORPORATION LTD.	0	4	0	7	0	7
92	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	0	0	0	3	0	3
93	M M T C LTD.	1341	461	1306	519	1237	560
94	M S T C LTD.	51	29	47	34	52	35
95	MADRAS FERTILIZERS LTD.	0	1	3	1	3	1
96	MAHANAGAR TELEPHONE NIGAM LTD.	1537400	10257	1514976	11947	1325583	13153
97	MANDAR TRANSMISSION LTD.	15	0	0	0	0	0
98	MANGALORE REFINERY & PETROCHEMICALS LTD.	59	29	46	30	35	29
99	MAZAGON DOCK SHIPBUILDERS LTD.	1117	5	1082	6	1102	5
100	MECON LTD.	3609	142	3532	149	3490	123
101	MINERAL EXPLORATION CORPN. LTD.	26	4	26	4	32	4
102	MISHRA DHATU NIGAM LTD.	4	3	4	4	6	4
103	MOIL LTD.	140	6	141	5	42	4
104	MUMBAI RAILWAY VIKAS CORPORATION LTD.	10	3	0	4	0	3
105	NATIONAL ALUMINIUM COMPANY LTD.	1462	31	1418	29	1390	32
106	NATIONAL BACKWARD CLASSES FINANCE & DEVPCO.	312	50	281	44	258	43
107	NATIONAL FERTILIZERS LTD.	207	0	207	0	111	0
108	NATIONAL FILM DEV. CORPN. LTD.	307	8	292	8	291	10
109	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	1761	36	1757	36	1689	36
110	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	4	0	4	0	9
111	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	811	41	366	41	364871	0
112	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	977	30	1010	30	1006	33
113	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	25	31	20	100	25	26
114	NATIONAL RESEARCH DEVELOPMENT CORPN.	252	56	243	59	234	67
115	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	170	22	125	23	112	23
116	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	864	72	865	71	846	69
117	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	739	43	709	44	654	46
118	NATIONAL SEEDS CORPN. LTD.	995	164	997	167	1028	176
119	NATIONAL SMALL INDUSTRIES CORPN. LTD.	14087	253	11868	269	10927	273
120	NATIONAL TEXTILE CORPN. LTD.	128	148	127	41	453	152
121	NBCC (INDIA) LTD.	6494	894	5688	888	5689	744

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
122	NBCC ENGINEERING AND CONSULTANCY LTD.	5	17	5	21	1	24
123	NBCC SERVICES LTD.	1987	0	7	0	5	84
124	NEPA LTD.	44	2	43	2	44	2
125	NLC INDIA LTD.	3358	26	3361	34	3030	33
126	NMDC Ltd.	17	13	270	12	270	13
127	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	28	5	65	6	30	6
128	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	401	8	1126	26	1071	25
129	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0	0	0	1
130	NTPC LTD.	16633	533	47284	654	69079	924
131	NTPC VIDYUT VYAPAR NIGAM LTD.	58	34	57	39	34	43
132	NUMALIGARH REFINERY LTD.	171	6	157	5	97	5
133	OIL & NATURAL GAS CORPORATION LTD.	75628	1514	69119	1549	59529	1597
134	OIL INDIA LTD.	17631	32	1571	31	1244	32
135	ONGC VIDESH LTD.	78210	224	72229	237	60260	340
136	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	0	312	3	312	3
137	P E C LTD.	607	80	606	89	601	100
138	PAWAN HANS LTD.	20303	0	26096	0	11047	125
139	PFC CONSULTING LTD.	528	0	528	0	511	0
140	POWER FINANCE CORPORATION LTD.	8218	488	7983	490	11389	491
141	POWER GRID CORPORATION OF INDIA LTD.	351516	368	303995	345	246178	334
142	POWER SYSTEM OPERATION CORPORATION LTD.	7814	237	7047	172	6669	160
143	PRIZE PETROLEUM COMPANY LTD.	7	14	1734	18	7	19
144	RAIL VIKAS NIGAM LTD.	29542	129	27451	0	2424	117
145	RAILTEL CORPORATION INDIA LTD.	37968	79	35122	64	33727	63
146	RAILTEL ENTERPRISES LTD.	7	13	1	0	0	0
147	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	6	0	7	0	6
148	RASHTRIYA ISPAT NIGAM LTD.	2666	36	2664	36	2665	42
149	REC LTD.	35997	296	4761	307	3635	329
150	REC POWER DISTRIBUTION CO. LTD.	0	3	455	3	454	8
151	REC TRANSMISSION PROJECTS CO. LTD.	52	0	62	0	28	0
152	rites LTD.	707	109	576	87	1471	143
153	SAGARMALA DEVELOPMENT COMPANY LTD.	24	2	0	0	0	0
154	SCOOTERS INDIA LTD.	0	1	0	1	0	5
155	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	3692	68	1716	70	1708	67
156	SHIPPING CORPORATION OF INDIA LTD.	18	13	7	13	5	12
157	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	208	0	0	0	0	0
158	SJVN LTD.	15513	35	0	36	0	36
159	SOLAR ENERGY CORPORATION OF INDIA	296	70	247	70	306	71

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
160	STATE TRADING CORPN. OF INDIA LTD.	49218	266	42720	327	39614	373
161	STEEL AUTHORITY OF INDIA LTD.	6787	554	6809	600	16043	635
162	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4471	448	4415	444	4394	431
163	THE COTTON CORPN. OF INDIA LTD.	41	16	31	15	19	14
164	THE FERTILIZER CORPN. OF INDIA LTD.	211	1	206	1	202	1
165	UDUPI KASARGODE TRANSMISSION LTD.	3	0	0	0	0	0
166	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	167	0	0	0	0	0
167	WAPCOS LTD.	445	108	395	90	585	165
STATE TOTAL :		6615065	49077	6964421	55911	7240605	54290
GOA							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	273	0	273	117	273	117
2	AIRPORTS AUTHORITY OF INDIA	58312	78	49336	91	44910	0
3	BEML LTD.	19	1	19	2	19	2
4	BHARAT PETROLEUM CORPN. LTD.	14240	33	12807	36	9102	48
5	CENTRAL WAREHOUSING CORPN.	318	9	645	12	542	34
6	CONTAINER CORPORATION OF INDIA LTD.	3532	2	1665	2	173	2
7	ENGINEERS INDIA LTD.	0	1	0	1	0	2
8	GAIL (INDIA) LTD.	0	7	8440	9	0	8
9	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1218	176	1175	185	1049	186
10	GOA SHIPYARD LTD.	116843	1373	105893	1406	94106	1383
11	HINDUSTAN PETROLEUM CORPN. LTD.	14337	59	6338	61	5673	61
12	HINDUSTAN PREFAB LTD.	0	0	0	1	0	0
13	HLL LIFECARE LTD.	0	1	0	1	0	0
14	HOUSING & URBAN DEV. CORPN. LTD.	0	1	0	1	0	2
15	HSCC (INDIA) LTD.	0	3	0	3	0	0
16	INDIA TOURISM DEV. CORPN. LTD.	2	1	2	0	1	1
17	INDIAN OIL CORPORATION LTD.	16668	78	16489	77	12317	75
18	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	1	0	1	0	0
19	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	1	0	0
20	KONKAN RAILWAY CORPORATION LTD.	78695	1359	75676	1330	74199	1290
21	M M T C LTD.	0	12	0	15	0	17
22	MECON LTD.	0	1	0	1	0	0
23	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	0	5	0	0	0
24	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	2	0	2
25	NBCC (INDIA) LTD.	0	4	0	14	0	1
26	OIL & NATURAL GAS CORPORATION LTD.	3035	59	2272	57	1820	58
27	POWER GRID CORPORATION OF INDIA LTD.	16718	17	15886	19	9203	17
28	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	1
29	REC POWER DISTRIBUTION CO. LTD.	17	2	16	2	16	1
30	rites LTD.	0	10	0	8	0	8

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
31	STEEL AUTHORITY OF INDIA LTD.	0	0	0	1	0	1
32	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	1	0	0	0	0
STATE TOTAL :		324227	3290	296937	3457	253403	3317
GUJRAT							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	20	0	20	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	674	0	674	415	674	415
3	AIR INDIA EXPRESS LTD.	1	3	0	0	1	0
4	AIRLINE ALLIED SERVICES LTD.	2	0	0	0	0	0
5	AIRPORTS AUTHORITY OF INDIA	166742	791	149755	768	140724	0
6	BALMER LAWRIE & CO. LTD.	0	14	71	8	67	7
7	BEML LTD.	24	14	24	13	24	13
8	BHARAT BROADBAND NETWORK LTD.	0	0	0	5	27	4
9	BHARAT PETRO RESOURCES LTD.	11454	0	9974	0	7984	0
10	BHARAT PETROLEUM CORPN. LTD.	124663	267	105912	274	81803	291
11	BHARAT PUMPS & COMPRESSORS LTD.	1	3	1	3	1	3
12	BHARAT SANCHAR NIGAM LTD.	1110004	11788	1105771	13417	1066928	14622
13	BRIDGE & ROOF CO.(INDIA) LTD.	734	9	411	55	0	77
14	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1759	0	1759	0	1887	0
15	CENTRAL WAREHOUSING CORPN.	17016	125	16791	167	16471	163
16	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	4	10	4	10	4	10
17	COAL INDIA LTD.	5	5	4	5	1	6
18	CONTAINER CORPORATION OF INDIA LTD.	47041	87	41187	88	35230	83
19	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	213541	75	109317	73	76059	88
20	E. C. G. C. LTD.	321	25	327	25	329	26
21	ELECTRONICS CORPN. OF INDIA LTD.	2	5	2	2	2	2
22	ENGINEERING PROJECTS (INDIA) LTD.	0	0	0	1	0	0
23	ENGINEERS INDIA LTD.	1975	89	3444	82	3128	91
24	FERRO SCRAP NIGAM LTD.	22	12	9	3	0	0
25	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1	0	1	0	1	0
26	FOOD CORPN. OF INDIA	6975	486	6294	508	5981	521
27	GAIL (INDIA) LTD.	261743	506	177740	559	141652	515
28	GAIL GAS LTD.	0	0	0	0	6	0
29	HIL (INDIA) LTD.	4	3	4	4	4	6
30	HINDUSTAN ANTIBIOTICS LTD.	2	2	2	3	2	3
31	HINDUSTAN COPPER LTD.	30311	41	29119	41	15764	36
32	HINDUSTAN PETROLEUM CORPN. LTD.	172664	406	138812	399	112114	373
33	HINDUSTAN SALTS LTD.	1253	56	1200	39	1190	39
34	HLL LIFECARE LTD.	24	7	179	191	0	0
35	HOUSING & URBAN DEV. CORPN. LTD.	2228	15	2154	18	1835	17
36	I T I LTD.	0	25	0	13	0	9
37	INDIAN OIL CORPORATION LTD.	1708380	3723	1490307	3690	1313577	3738

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
38	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	721	17	274	17	65	3
39	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	1	1	1	1	1	1
40	INDO CAT PRIVATE LTD.	647	0	647	0	647	0
41	IRCON INFRASTRUCTURE & SERVICES LTD.	225	4	218	5	201	2
42	IRCON INTERNATIONAL LTD.	32	62	0	24	105	21
43	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	11	0	10	0	15
44	M M T C LTD.	19	17	18	23	18	21
45	M S T C LTD.	20	17	15	16	18	15
46	MANGALORE REFINERY & PETROCHEMICALS LTD.	9	0	9	0	0	0
47	MECON LTD.	0	13	0	21	0	15
48	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	0	1	1	1
49	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	2	0	1	0	2
50	NATIONAL SEEDS CORPN. LTD.	0	0	0	0	0	8
51	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1444	31	1351	32	676	30
52	NATIONAL TEXTILE CORPN. LTD.	10448	547	10448	547	10365	485
53	NBCC (INDIA) LTD.	18	21	8	27	8	28
54	NBCC ENGINEERING AND CONSULTANCY LTD.	0	8	0	0	0	0
55	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	24	0	24	0	24	0
56	NTPC LTD.	238743	351	232428	321	214465	369
57	NUCLEAR POWER CORPN. OF INDIA LTD.	1445301	1409	1250502	1440	1020400	1353
58	OIL & NATURAL GAS CORPORATION LTD.	2533411	10083	2298773	10469	2022278	10910
59	OIL INDIA LTD.	31371	4	32903	6	17237	4
60	P E C LTD.	0	0	0	2	0	7
61	POWER GRID CORPORATION OF INDIA LTD.	892403	375	809589	348	611604	328
62	PRIZE PETROLEUM COMPANY LTD.	1589	1	0	0	1727	1
63	PROJECTS & DEVELOPMENT INDIA LTD.	1248	69	1172	78	1172	84
64	RAIL VIKAS NIGAM LTD.	29	12	0	14	5	14
65	RAILTEL CORPORATION INDIA LTD.	0	74	0	24	0	22
66	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	17	0	16	0	17
67	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	11	6	8	6	7	6
68	RASHTRIYA ISPAT NIGAM LTD.	162	10	169	8	191	9
69	REC LTD.	213	3	215	4	209	4
70	rites LTD.	26	61	22	54	28	79
71	SCOOTERS INDIA LTD.	0	2	0	1	0	1
72	SJVN LTD.	35787	2	30819	2	3394	2
73	STATE TRADING CORPN. OF INDIA LTD.	543	15	543	25	612	27
74	STEEL AUTHORITY OF INDIA LTD.	1851	63	1862	70	1875	95

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
75	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	2	0	1	0	2
76	THDC INDIA LTD.	74025	3	74023	3	74428	2
77	THE COTTON CORPN. OF INDIA LTD.	378	78	282	92	252	98
78	WAPCOS LTD.	123	36	80	52	182	64
STATE TOTAL :		9150412	32021	8137672	34640	7005665	35303
HARYANA							
1	AIRPORTS AUTHORITY OF INDIA	713	1	530	0	516	0
2	BALMER LAWRIE & CO. LTD.	1602	25	4747	24	4523	25
3	BHARAT BROADBAND NETWORK LTD.	0	0	0	2	12	2
4	BHARAT ELECTRONICS LTD.	14506	517	8362	515	2473	511
5	BHARAT PETROLEUM CORPN. LTD.	97951	250	83095	258	52140	268
6	BHARAT SANCHAR NIGAM LTD.	623089	3506	605204	3863	583924	4076
7	BHARTIYA RAIL BIJLEE CO. LTD.	0	2	0	0	0	0
8	BIJAWAR-VIDARBHA TRANSMISSION LTD	37	0	0	0	0	0
9	BRIDGE & ROOF CO.(INDIA) LTD.	2	1	0	0	0	0
10	CEMENT CORPN. OF INDIA LTD.	997	2	997	2	997	2
11	CENTRAL WAREHOUSING CORPN.	9472	128	9056	158	7405	110
12	CONTAINER CORPORATION OF INDIA LTD.	26894	14	5513	14	3147	10
13	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	46778	27	21969	28	5073	3
14	E. C. G. C. LTD.	95	14	101	14	103	14
15	ENGINEERING PROJECTS (INDIA) LTD.	0	2	0	0	0	0
16	ENGINEERS INDIA LTD.	16385	957	15448	987	15256	1001
17	FOOD CORPN. OF INDIA	12338	1391	11396	1450	10751	1535
18	FRESH & HEALTHY ENTERPRISES LTD.	6881	4	7757	4	5137	2
19	GAIL (INDIA) LTD.	39284	56	43654	55	38648	50
20	GAIL GAS LTD.	16805	0	13814	0	0	0
21	HIL (INDIA) LTD.	274	3	232	3	244	3
22	HINDUSTAN PETROLEUM CORPN. LTD.	205142	88	181100	85	167278	133
23	HLL LIFECARE LTD.	13	3	236	23	1	8
24	HMT LTD.	10388	0	10292	0	10292	150
25	HMT MACHINE TOOLS LTD.	4564	236	4624	265	4624	297
26	HSCC (INDIA) LTD.	0	1	0	7	0	12
27	INDIAN OIL CORPORATION LTD.	2562925	3475	2362809	3513	2132294	3305
28	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	0	167	0	1537	0
29	INDIAN VACCINE CORP. LTD.	1087	3	1087	1	1087	2
30	IRCON INFRASTRUCTURE & SERVICES LTD.	4	10	0	1	0	0
31	IRCON INTERNATIONAL LTD.	1	3	1	3	1	3
32	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	10	0	9	0	0
33	MECON LTD.	0	2	0	2	0	0
34	MISHRA DHATU NIGAM LTD.	1639	0	1589	0	0	0
35	NATIONAL FERTILIZERS LTD.	137145	536	133464	534	120518	568
36	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	236	10	236	14	241	13

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
37	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	1	0	0	0	0
38	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	4256	145	4148	85	3658	175
39	NATIONAL SEEDS CORPN. LTD.	2267	186	2181	179	2122	188
40	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1123	34	851	34	48	34
41	NBCC (INDIA) LTD.	0	16	0	28	0	47
42	NHPC LTD.	29329	1437	27276	1444	26487	1611
43	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	5	0	0	0	0
44	NTPC LTD.	57851	330	57312	102	55731	114
45	OIL INDIA LTD.	0	13	0	11	0	10
46	POWER GRID CORPORATION OF INDIA LTD.	1145152	1449	960714	1302	769636	1459
47	RAIL VIKAS NIGAM LTD.	11	0	7	0	7	0
48	RAILTEL CORPORATION INDIA LTD.	24735	121	14200	108	13352	107
49	RAILTEL ENTERPRISES LTD.	0	3	0	0	0	2
50	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	9	0	8	0	2	0
51	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	2	0	1	3	1	4
52	RASHTRIYA ISPAT NIGAM LTD.	83	13	92	11	92	14
53	REC LTD.	417	14	20847	18	14259	22
54	REC POWER DISTRIBUTION CO. LTD.	0	0	2	0	2	0
55	rites LTD.	41031	950	31507	1030	22818	983
56	SJVN LTD.	0	47	0	48	0	46
57	STEEL AUTHORITY OF INDIA LTD.	3229	26	3230	32	3085	37
58	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4	6	5	6	4	0
59	THDC INDIA LTD.	0	0	0	0	0	1
60	THE COTTON CORPN. OF INDIA LTD.	248	22	240	19	240	22
61	WAPCOS LTD.	1759	464	1456	484	502	353
STATE TOTAL :		5148753	16559	4651557	16778	4080268	17332
HIMACHAL PRADESH							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	9	29	9	29
2	AIRLINE ALLIED SERVICES LTD.	0	2	0	0	0	0
3	AIRPORTS AUTHORITY OF INDIA	10332	92	9922	96	8961	0
4	BALMER LAWRIE & CO. LTD.	2061	0	0	0	0	0
5	BHARAT BROADBAND NETWORK LTD.	0	0	0	0	5	0
6	BHARAT GAS RESOURCES LTD,	36	1	0	0	0	0
7	BHARAT PETROLEUM CORPN. LTD.	90	4	19	3	13	3
8	BHARAT SANCHAR NIGAM LTD.	220363	2608	218304	2748	212132	2816
9	BHARTIYA RAIL BIJLEE CO. LTD.	0	1	0	0	0	0
10	BRIDGE & ROOF CO.(INDIA) LTD.	0	1	0	0	0	0
11	CEMENT CORPN. OF INDIA LTD.	5040	155	4997	187	4995	214
12	CENTRAL WAREHOUSING CORPN.	335	13	301	7	301	40
13	CONTAINER CORPORATION OF INDIA LTD.	1205	2	1202	2	1198	2

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
14	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	0	0	13	0	13	0
15	FOOD CORPN. OF INDIA	1605	172	1070	176	1043	191
16	HINDUSTAN PETROLEUM CORPN. LTD.	12702	20	11618	21	9254	19
17	HINDUSTAN SALTS LTD.	325	11	76	6	165	7
18	HLL LIFECARE LTD.	67	0	86	139	0	1
19	HOUSING & URBAN DEV. CORPN. LTD.	0	2	0	2	0	2
20	HSCC (INDIA) LTD.	0	0	0	1	0	0
21	INDIAN OIL CORPORATION LTD.	65211	101	38626	91	25924	87
22	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	42	0	0	0	0	0
23	INSTRUMENTATION LTD.	3	1	3	1	3	1
24	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	2	0	2	0	3
25	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	0	1	1	1
26	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	2	1	1	0	0
27	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	6	4	0	0	0	0
28	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	1	0	3
29	NBCC (INDIA) LTD.	14	30	4	19	4	33
30	NHPC LTD.	1404164	1347	1335252	1472	1271922	1600
31	NMDC Ltd.	57	1	21	1	21	1
32	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	2	0	0	0	0
33	NTPC LTD.	715439	101	704578	137	686767	155
34	NUMALIGARH REFINERY LTD.	0	0	0	0	1	0
35	OIL INDIA LTD.	0	2	0	2	0	2
36	POWER GRID CORPORATION OF INDIA LTD.	186677	85	165670	78	159304	82
37	POWERGRID KALA AMB TRANSMISSION LTD.	31907	0	31593	0	21152	0
38	REC LTD.	150	5	143	7	133	5
39	SJVN LTD.	939695	1042	916291	1087	926673	1158
40	STEEL AUTHORITY OF INDIA LTD.	7688	1	7691	5	7047	1
41	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	1	0	1	0	2
42	WAPCOS LTD.	5	2	1	0	0	0
STATE TOTAL :		3605219	5815	3447491	6323	3337041	6458
JAMMU & KASHMIR							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	110	0	110	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	87	0	87	123	87	123
3	AIRPORTS AUTHORITY OF INDIA	44320	156	39742	151	38932	0
4	BEML LTD.	14	12	13	12	11	11
5	BHARAT BROADBAND NETWORK LTD.	0	0	0	1	8	2
6	BHARAT PETROLEUM CORPN. LTD.	19684	29	11558	28	7067	27

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
7	BHARAT SANCHAR NIGAM LTD.	212137	1689	201141	1835	199595	1875
8	CENTRAL WAREHOUSING CORPN.	0	0	12	1	12	0
9	E. C. G. C. LTD.	0	1	0	1	0	1
10	ENGINEERING PROJECTS (INDIA) LTD.	20	2	0	5	178	7
11	ENGINEERS INDIA LTD.	0	1	0	0	0	0
12	FOOD CORPN. OF INDIA	4516	235	4433	238	4261	256
13	HINDUSTAN PETROLEUM CORPN. LTD.	28898	83	21566	80	19005	79
14	HINDUSTAN PREFAB LTD.	0	0	0	0	0	8
15	HLL LIFECARE LTD.	0	0	0	3	0	0
16	HOTEL CORPN. OF INDIA LTD.	820	0	1053	219	1054	241
17	HOUSING & URBAN DEV. CORPN. LTD.	527	10	523	9	524	8
18	HSCC (INDIA) LTD.	0	0	0	0	0	1
19	I T I LTD.	264	96	263	95	262	102
20	INDIA TOURISM DEV. CORPN. LTD.	165	15	164	19	160	14
21	INDIAN OIL CORPORATION LTD.	51857	116	43669	118	36621	119
22	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	7	0	7	0	7
23	IRCON INFRASTRUCTURE & SERVICES LTD.	642	2	648	2	647	1
24	IRCON INTERNATIONAL LTD.	66	198	216	246	214	157
25	J & K MINERAL DEVELOPMENT CORPN. LTD.	2879	4	2848	5	2740	6
26	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	63	17	61	16	62	16
27	KONKAN RAILWAY CORPORATION LTD.	0	96	0	95	0	94
28	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	0	2	1	2
29	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	0	27	2	17	0
30	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	11	25	10	31	7	34
31	NATIONAL SEEDS CORPN. LTD.	0	0	0	0	0	1
32	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	1	0	1
33	NBCC (INDIA) LTD.	0	18	0	20	0	12
34	NHPC LTD.	1429455	1872	1404098	2093	1358944	2293
35	NMDC Ltd.	0	1	0	1	0	2
36	NTPC LTD.	0	1	0	1	0	1
37	OIL INDIA LTD.	0	1	0	0	0	0
38	POWER GRID CORPORATION OF INDIA LTD.	313622	336	306557	352	275038	323
39	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	1
40	REC LTD.	36	5	29	5	24	7
41	REC POWER DISTRIBUTION CO. LTD.	8	5	0	1	0	1
42	REC TRANSMISSION PROJECTS CO. LTD.	14	0	0	0	0	0
43	rites LTD.	0	2	0	3	0	1
44	SJVN LTD.	0	8	0	7	0	7
45	STEEL AUTHORITY OF INDIA LTD.	890	8	893	8	894	12
46	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	41	1	40	2	41	4

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
47	THDC INDIA LTD.	0	1	0	1	0	1
48	WAPCOS LTD.	12	2	13	0	11	4
STATE TOTAL :		2111158	5058	2039774	5840	1946417	5862
JHARKHAND							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	14	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	7	0	7	19	7	19
3	AIRPORTS AUTHORITY OF INDIA	47314	16	37149	131	36177	0
4	BALMER LAWRIE & CO. LTD.	0	1	0	1	0	0
5	BEML LTD.	317	113	321	123	284	138
6	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	2	0	0	0	0
7	BHARAT BROADBAND NETWORK LTD.	0	0	0	2	23	2
8	BHARAT COKING COAL LTD.	445266	44642	404187	47411	308186	50155
9	BHARAT PETROLEUM CORPN. LTD.	21274	77	15782	80	12599	79
10	BHARAT SANCHAR NIGAM LTD.	418707	1975	409273	2122	399077	2269
11	BHARTIYA RAIL BIJLEE CO. LTD.	0	16	0	0	0	0
12	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	0	0	180	5
13	BRIDGE & ROOF CO.(INDIA) LTD.	391	1	173	25	500	27
14	CENTRAL COALFIELDS LTD.	669957	39181	544059	40777	457505	42132
15	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	12637	1313	11772	1384	10152	1426
16	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	746	0	746	0	746	0
17	CENTRAL WAREHOUSING CORPN.	278	16	185	3	185	14
18	COAL INDIA LTD.	0	3	0	3	0	0
19	CONTAINER CORPORATION OF INDIA LTD.	81	2	75	3	75	2
20	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	0	0	0	0	0	1
21	DEOGHAR INFRA LTD.	30	0	25	0	15	0
22	DEOGHAR MEGA POWER LTD.	1981	0	1476	0	1067	0
23	EASTERN COALFIELDS LTD.	123677	8372	97124	8569	79302	8808
24	ELECTRONICS CORPN. OF INDIA LTD.	0	5	0	0	0	0
25	ENGINEERING PROJECTS (INDIA) LTD.	12	6	0	7	13	6
26	ENGINEERS INDIA LTD.	0	10	0	5	0	0
27	FERRO SCRAP NIGAM LTD.	854	121	698	123	693	123
28	FOOD CORPN. OF INDIA	2675	320	2095	356	2013	367
29	GAIL (INDIA) LTD.	8052	66	134	45	0	4
30	GAIL GAS LTD.	87	0	0	0	0	0
31	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2910	43	1374	47	2666	56
32	HEAVY ENGINEERING CORPN. LTD.	40695	1488	39828	1374	39048	1439
33	HINDUSTAN COPPER LTD.	26291	538	20616	589	10790	637
34	HINDUSTAN PETROLEUM CORPN. LTD.	47842	86	42883	81	39679	81
35	HINDUSTAN PREFAB LTD.	0	0	0	2	0	0
36	HINDUSTAN STEELWORKS COSTN. LTD.	965	3	995	4	888	6
37	HLL LIFECARE LTD.	0	0	1	10	0	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
38	HOTEL CORPN. OF INDIA LTD.	0	212	0	0	0	0
39	HOUSING & URBAN DEV. CORPN. LTD.	55	16	52	15	53	14
40	INDIA TOURISM DEV. CORPN. LTD.	0	0	0	0	0	1
41	INDIAN OIL CORPORATION LTD.	160215	291	127193	275	88072	247
42	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	2	0	2	0	2
43	IRCON INTERNATIONAL LTD.	24	24	53	35	54	22
44	JHARKHAND CENTRAL RAILWAY LTD.	16385	0	18429	0	0	0
45	JHARKHAND INFRAPOWER LTD.	7	0	4	0	1	0
46	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	13	0	14	0	11
47	M M T C LTD.	0	31	0	29	0	36
48	M S T C LTD.	2	7	1	3	1	2
49	MECON LTD.	9809	740	9613	755	9410	829
50	MINERAL EXPLORATION CORPN. LTD.	796	76	1046	96	170	62
51	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	2	0	1
52	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	45	49	74	63	44	75
53	NATIONAL SEEDS CORPN. LTD.	0	0	0	0	0	7
54	NATIONAL SMALL INDUSTRIES CORPN. LTD.	6	4	0	12	0	11
55	NBCC (INDIA) LTD.	12	36	3	65	2	49
56	NEYVELI UTTAR PRADESH POWER LTD	596	8	327	5	373	5
57	NMDC Ltd.	1	1	1	1	1	1
58	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	5	0	0	0	0
59	NTPC LTD.	1347624	405	1135355	245	793598	196
60	OIL & NATURAL GAS CORPORATION LTD.	48148	185	22011	155	17856	149
61	OIL INDIA LTD.	0	22	0	21	0	19
62	PATRATU VIDYUT UTPADAN NIGAM LTD.	141894	125	107739	86	13201	84
63	PFC CONSULTING LTD.	0	0	1	0	0	0
64	POWER GRID CORPORATION OF INDIA LTD.	493836	188	477807	173	449819	188
65	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	22449	0	6311	0	0	0
66	PROJECTS & DEVELOPMENT INDIA LTD.	221	15	2857	27	2825	29
67	RAILTEL CORPORATION INDIA LTD.	0	5	0	5	0	5
68	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	560	32	88	37
69	REC LTD.	40	3	32	4	30	3
70	REC POWER DISTRIBUTION CO. LTD.	13	5	4	5	1	2
71	rites LTD.	0	17	0	19	12	18
72	SJVN LTD.	0	23	0	23	0	21
73	STEEL AUTHORITY OF INDIA LTD.	2311963	16353	2197681	17553	2051619	18901
74	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	3	0	2	0	4
75	THE FERTILIZER CORPN. OF INDIA LTD.	1463	1	0	1	46718	1
76	URANIUM CORPORATION OF INDIA LTD.	113507	4224	100824	4216	97389	4280
77	WAPCOS LTD.	84	13	79	17	62	13

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
STATE TOTAL :		6542255	121519	5839035	127252	4973269	133121
KARNATAKA							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	77	0	76	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	0	86	0	86
3	AIR INDIA EXPRESS LTD.	8	87	0	69	16	65
4	AIRLINE ALLIED SERVICES LTD.	1	27	0	27	0	0
5	AIRPORTS AUTHORITY OF INDIA	147709	635	84202	630	119452	0
6	ANTRIX CORPORATION LTD.	1846	69	1762	75	1689	80
7	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	411	13	401	11	385	12
8	BALMER LAWRIE & CO. LTD.	316	19	287	22	274	24
9	BEL-THALES SYSTEMS LTD.	1511	15	1274	13	372	12
10	BEML LTD.	84850	6103	78971	6657	72862	7107
11	BHARAT BROADBAND NETWORK LTD.	0	0	0	4	2868	4
12	BHARAT ELECTRONICS LTD.	262768	5053	205044	5202	145488	5149
13	BHARAT GAS RESOURCES LTD,	92	4	0	0	0	0
14	BHARAT HEAVY ELECTRICALS LTD.	42863	2572	38885	2739	37738	2893
15	BHARAT PETROLEUM CORPN. LTD.	153810	286	129047	285	82720	285
16	BHARAT SANCHAR NIGAM LTD.	1859708	11585	1836334	12959	1784121	14100
17	BHARTIYA RAIL BIJLEE CO. LTD.	0	1	0	0	0	0
18	BRIDGE & ROOF CO.(INDIA) LTD.	26	7	15	22	0	12
19	BROADCAST ENGG. CONSULTANTS INDIA LTD.	16	3	15	4	10	5
20	CEMENT CORPN. OF INDIA LTD.	1719	13	1708	2	1708	1
21	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	126	12	139	11	139	11
22	CENTRAL ELECTRONICS LTD.	0	2	0	3	0	3
23	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2231	1	2231	1	2226	3
24	CENTRAL WAREHOUSING CORPN.	15692	131	11190	188	10490	140
25	COAL INDIA LTD.	5	9	5	9	2	9
26	COASTAL KARNATAKA POWER LTD.	637	0	568	0	440	0
27	CONTAINER CORPORATION OF INDIA LTD.	7269	44	5750	47	5690	43
28	E. C. G. C. LTD.	641	26	653	26	654	25
29	ELECTRONICS CORPN. OF INDIA LTD.	48	22	48	28	49	34
30	ENGINEERING PROJECTS (INDIA) LTD.	32	8	32	8	32	5
31	ENGINEERS INDIA LTD.	0	20	0	16	0	19
32	FERRO SCRAP NIGAM LTD.	0	0	61	0	61	9
33	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	35	23	35	21	35	21
34	FOOD CORPN. OF INDIA	10861	732	10513	795	10076	665
35	GAIL (INDIA) LTD.	271079	131	168461	122	253535	109
36	GAIL GAS LTD.	86669	0	61549	0	0	0
37	HINDUSTAN AERONAUTICS LTD.	540399	14106	444292	14399	26022	14268
38	HINDUSTAN ANTIBIOTICS LTD.	3	5	0	0	0	0
39	HINDUSTAN COPPER LTD.	15	1	14	4	14	4
40	HINDUSTAN PETROLEUM CORPN. LTD.	327746	558	286277	571	255561	545

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
41	HINDUSTAN PREFAB LTD.	0	0	0	0	0	5
42	HINDUSTAN STEELWORKS COSTN. LTD.	3	1	2	0	2	2
43	HLL LIFECARE LTD.	12234	393	6514	461	14396	442
44	HMT (INTERNATIONAL) LTD.	840	25	739	26	739	28
45	HMT LTD.	1522	41	1521	36	1519	43
46	HMT MACHINE TOOLS LTD.	10314	420	10167	444	12033	507
47	HOUSING & URBAN DEV. CORPN. LTD.	500	30	500	31	500	30
48	HSCC (INDIA) LTD.	0	0	0	1	0	1
49	I T I LTD.	192316	596	187208	541	181072	585
50	INDIA TOURISM DEV. CORPN. LTD.	4	1	3	22	129	23
51	INDIA TRADE PROMOTION ORGANISATION	4	0	6	0	0	0
52	INDIAN OIL CORPORATION LTD.	291278	697	256401	704	220323	704
53	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	55	48	48	49	90	49
54	INDO RUSSIAN HELICOPTERS LTD.	4	0	0	0	0	0
55	IRCON INFRASTRUCTURE & SERVICES LTD.	0	0	547	2	547	0
56	IRCON INTERNATIONAL LTD.	115	29	148	27	148	9
57	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	9291	296	8593	326	8957	346
58	KARNATAKA TRADE PROMOTION ORGANISATION	3167	1	2962	1	3114	1
59	KARNATAKA VIJAY NAGAR STEEL LTD.	64178	0	63961	0	0	0
60	KIOCL LTD.	29799	835	26170	882	27036	904
61	KONKAN RAILWAY CORPORATION LTD.	137999	1170	135027	1176	134784	1206
62	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	681	3	92	0	93	0
63	M M T C LTD.	0	41	0	57	0	59
64	M S T C LTD.	19	16	11	17	15	21
65	MADRAS FERTILIZERS LTD.	46	32	46	33	46	36
66	MANGALORE REFINERY & PETROCHEMICALS LTD.	1772262	1904	1672963	1876	1575611	1881
67	MAZAGON DOCK SHIPBUILDERS LTD.	305	0	0	0	0	0
68	MECON LTD.	1994	115	1964	101	1914	133
69	MINERAL EXPLORATION CORPN. LTD.	174	26	1	9	179	66
70	NATIONAL ALUMINIUM COMPANY LTD.	0	2	0	2	0	3
71	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	0	3	2	3
72	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	13	22	159	27	137	16
73	NATIONAL RESEARCH DEVELOPMENT CORPN.	0	2	0	2	0	3
74	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	18	3	2	3	2	3
75	NATIONAL SEEDS CORPN. LTD.	4620	103	4218	102	3986	105
76	NATIONAL SMALL INDUSTRIES CORPN. LTD.	180	30	177	32	167	29
77	NATIONAL TEXTILE CORPN. LTD.	8450	539	8450	579	9087	373
78	NBCC (INDIA) LTD.	12	17	1	3	1	7

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
79	NLC INDIA LTD.	1	1	1	5	1	5
80	NMDC Ltd.	144987	1046	137746	1091	125979	1150
81	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	12	1	3	2	3	4
82	NTPC LTD.	1555490	370	1463734	409	1311638	294
83	NUCLEAR POWER CORPN. OF INDIA LTD.	312591	1510	308790	1531	306954	1511
84	OIL INDIA LTD.	0	3	0	2	0	2
85	ONGC MANGALORE PETROCHEMICALS LTD.	683645	465	671965	474	668977	457
86	POWER GRID CORPORATION OF INDIA LTD.	695323	514	564015	527	280895	430
87	POWER SYSTEM OPERATION CORPORATION LTD.	3335	75	3089	75	3096	72
88	POWERGRID NM TRANSMISSION LTD.	34880	0	25861	0	16385	3
89	RAIL VIKAS NIGAM LTD.	137	29	123	28	104	22
90	RAILTEL CORPORATION INDIA LTD.	0	13	0	12	0	11
91	RAILTEL ENTERPRISES LTD.	0	1	0	0	0	0
92	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	5	0	5	0	6
93	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	56	27	38	29	32	28
94	RASHTRIYA ISPAT NIGAM LTD.	480	10	480	8	480	10
95	REC LTD.	349	10	332	10	324	8
96	REC POWER DISTRIBUTION CO. LTD.	10	1	3	1	3	1
97	rites LTD.	0	39	0	32	0	47
98	SCOOTERS INDIA LTD.	0	1	0	1	0	1
99	SJVN LTD.	0	1	0	2	0	2
100	SOLAR ENERGY CORPORATION OF INDIA	4	0	5	0	0	0
101	STATE TRADING CORPN. OF INDIA LTD.	933	30	4211	16	4994	22
102	STCL LTD.	280	11	311	11	244	13
103	STEEL AUTHORITY OF INDIA LTD.	43324	360	43216	405	42995	503
104	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	4	0	3	0	3
105	THE COTTON CORPN. OF INDIA LTD.	26	26	10	19	9	24
106	URANIUM CORPORATION OF INDIA LTD.	310	0	243	0	192	0
107	VIGNYAN INDUSTRIES LTD.	1003	92	950	95	909	86
108	WAPCOS LTD.	21	17	21	11	24	10
STATE TOTAL :		9840813	54425	8983587	57435	7775596	58096
KERALA							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	157	0	110	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	2429	0	2429	677	2429	677
3	AIR INDIA EXPRESS LTD.	318	655	449	507	340	211
4	AIRLINE ALLIED SERVICES LTD.	0	1	0	1	0	0
5	AIRPORTS AUTHORITY OF INDIA	150013	815	135282	867	124840	0
6	BALMER LAWRIE & CO. LTD.	0	6	17	6	16	6
7	BEML LTD.	33	304	25	304	24	316
8	BHARAT BROADBAND NETWORK LTD.	0	0	0	3	18	3

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
9	BHARAT PETROLEUM CORPN. LTD.	2587418	2563	2247772	2373	2041198	2400
10	BHARAT SANCHAR NIGAM LTD.	1489887	10384	1490450	11113	1451085	11717
11	BHEL ELECTRICAL MACHINES LTD.	1096	156	1096	168	1096	174
12	BPCL-KIAL FUEL FARM PVT. LTD.	1671	3	1187	0	180	0
13	BRIDGE & ROOF CO.(INDIA) LTD.	536	7	431	43	0	65
14	CENTRAL WAREHOUSING CORPN.	7211	57	6056	87	5895	55
15	COCHIN SHIPYARD LTD.	85186	1708	56859	1782	49435	1829
16	CONTAINER CORPORATION OF INDIA LTD.	4153	6	4898	6	4549	8
17	E. C. G. C. LTD.	242	11	245	10	245	10
18	ELECTRONICS CORPN. OF INDIA LTD.	0	2	0	0	0	0
19	ENGINEERING PROJECTS (INDIA) LTD.	17	4	20	4	17	4
20	ENGINEERS INDIA LTD.	0	45	0	51	0	125
21	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	37318	1696	35063	1889	34489	2107
22	FOOD CORPN. OF INDIA	13757	740	12222	717	11143	739
23	GAIL (INDIA) LTD.	230619	37	45896	37	135870	33
24	HIL (INDIA) LTD.	7726	136	7211	166	6268	190
25	HINDUSTAN AERONAUTICS LTD.	0	58	0	58	0	59
26	HINDUSTAN ANTIBIOTICS LTD.	4	4	4	6	3	6
27	HINDUSTAN NEWSPRINT LTD.	51922	406	56695	450	57584	495
28	HINDUSTAN ORGANIC CHEMICALS LTD.	8455	280	7266	284	34941	308
29	HINDUSTAN PETROLEUM CORPN. LTD.	67147	172	56820	176	48386	180
30	HINDUSTAN PREFAB LTD.	0	0	0	2	30	0
31	HLL INFRA TECH SERVICES LTD.	38	49	35	50	20	56
32	HLL LIFECARE LTD.	26561	1046	38374	1379	22245	1120
33	HMT MACHINE TOOLS LTD.	5680	165	5721	204	5698	236
34	HOUSING & URBAN DEV. CORPN. LTD.	569	27	565	27	572	29
35	HSCC (INDIA) LTD.	0	1	0	1	0	1
36	I T I LTD.	16650	440	15474	417	10511	394
37	INDIA TOURISM DEV. CORPN. LTD.	2	2	4	0	0	2
38	INDIAN OIL CORPORATION LTD.	192472	468	171458	464	145608	463
39	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	70	27	70	27	2160	27
40	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	31631	0	30818	0	29398	0
41	INSTRUMENTATION LTD.	2960	299	2960	299	2960	299
42	IRCON INFRASTRUCTURE & SERVICES LTD.	851	0	851	0	851	0
43	IRCON INTERNATIONAL LTD.	12	2	39	7	1101	15
44	IREL (INDIA) LTD.	29821	475	29013	518	28615	553
45	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	16	0	17	0	23
46	KONKAN RAILWAY CORPORATION LTD.	0	2	0	1	0	0
47	M M T C LTD.	0	0	0	6	0	7
48	M S T C LTD.	2	10	1	6	1	5
49	MADRAS FERTILIZERS LTD.	5	7	5	6	5	7
50	MANGALORE REFINERY & PETROCHEMICALS LTD.	390	0	390	0	390	0
51	MAZAGON DOCK SHIPBUILDERS LTD.	0	1	0	1	0	1

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
52	MECON LTD.	0	6	0	6	0	2
53	NATIONAL FILM DEV. CORPN. LTD.	0	0	0	4	0	4
54	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	15	9	14	9	14	10
55	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	2	0	1	0	1
56	NATIONAL SEEDS CORPN. LTD.	0	0	0	0	0	2
57	NATIONAL SMALL INDUSTRIES CORPN. LTD.	142	5	144	5	144	7
58	NATIONAL TEXTILE CORPN. LTD.	13250	2250	12687	2240	13540	1305
59	NBCC (INDIA) LTD.	0	12	0	8	0	13
60	NHPC LTD.	0	1	0	0	0	1
61	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	5	0	0	0	0
62	NTPC LTD.	61876	85	60961	99	60026	118
63	OIL INDIA LTD.	0	11	0	9	0	10
64	POWER GRID CORPORATION OF INDIA LTD.	506326	119	184911	106	150070	91
65	RAILTEL CORPORATION INDIA LTD.	0	6	0	7	0	7
66	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	1	0	1	0	1
67	RASHTRIYA ISPAT NIGAM LTD.	122	7	33	7	33	8
68	REC LTD.	260	6	257	7	246	8
69	rites LTD.	0	2	0	3	217	4
70	SJVN LTD.	0	2	0	2	0	2
71	STATE TRADING CORPN. OF INDIA LTD.	82	2	86	20	116	23
72	STEEL AUTHORITY OF INDIA LTD.	802	9	806	9	805	9
73	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	4	0	7	0	3
74	WAPCOS LTD.	15	13	7	11	13	8
STATE TOTAL :		5637919	25850	4724187	27778	4485440	26592
LAKSHADWEEP							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	3	2	3	2
2	AIRPORTS AUTHORITY OF INDIA	5004	25	3988	26	3546	0
3	BALMER LAWRIE & CO. LTD.	12112	69	0	0	0	0
4	NBCC (INDIA) LTD.	0	0	0	1	0	0
5	RAIL VIKAS NIGAM LTD.	0	0	0	125	0	0
STATE TOTAL :		17116	94	3991	154	3549	2
MADHYA PRADESH							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	158	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	360	0	360	127	360	127
3	AIRLINE ALLIED SERVICES LTD.	0	2	0	1	2	0
4	AIRPORTS AUTHORITY OF INDIA	82467	447	70036	420	85945	0
5	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	1009	15	350	12	265	12
6	BALMER LAWRIE & CO. LTD.	18	0	0	0	0	2
7	BEML LTD.	332	81	313	89	311	94

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
8	BHARAT BROADBAND NETWORK LTD.	0	0	0	11	68	10
9	BHARAT GAS RESOURCES LTD.	55	3	0	0	0	0
10	BHARAT HEAVY ELECTRICALS LTD.	61926	5545	56000	5785	53235	6078
11	BHARAT PETROLEUM CORPN. LTD.	215747	280	193597	287	159568	290
12	BHARAT SANCHAR NIGAM LTD.	1530048	7114	1096351	7204	1068690	7677
13	BHARTIYA RAIL BIJLEE CO. LTD.	0	5	0	0	0	0
14	BRIDGE & ROOF CO.(INDIA) LTD.	49	19	31	30	0	37
15	CEMENT CORPN. OF INDIA LTD.	19749	2	19748	1	19749	1
16	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2297	253	2219	244	2194	238
17	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	816	2	816	2	816	2
18	CENTRAL WAREHOUSING CORPN.	10002	130	9667	242	9602	208
19	CONTAINER CORPORATION OF INDIA LTD.	20334	48	18756	49	12868	48
20	E. C. G. C. LTD.	22	6	24	6	25	7
21	ELECTRONICS CORPN. OF INDIA LTD.	0	2	0	0	0	0
22	ENGINEERING PROJECTS (INDIA) LTD.	4	4	4	8	3	8
23	ENGINEERS INDIA LTD.	0	19	0	30	0	31
24	FOOD CORPN. OF INDIA	5759	693	5261	733	4436	735
25	GAIL (INDIA) LTD.	673182	595	699283	586	616201	597
26	GAIL GAS LTD.	10981	0	10025	0	8167	0
27	HINDUSTAN ANTIBIOTICS LTD.	2	9	2	10	2	11
28	HINDUSTAN COPPER LTD.	50043	397	20438	451	19317	505
29	HINDUSTAN PETROLEUM CORPN. LTD.	100162	214	83636	208	72178	219
30	HINDUSTAN PREFAB LTD.	0	0	0	1	0	23
31	HINDUSTAN STEELWORKS COSTN. LTD.	1	0	0	0	0	0
32	HLL LIFECARE LTD.	113	0	42	55	0	0
33	HOUSING & URBAN DEV. CORPN. LTD.	336	20	336	22	336	21
34	HSCC (INDIA) LTD.	0	3	0	3	0	4
35	I T I LTD.	0	50	0	31	0	10
36	INDIA TOURISM DEV. CORPN. LTD.	0	0	0	0	0	2
37	INDIAN OIL CORPORATION LTD.	225789	594	172622	578	137101	575
38	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1132	26	96	28	104	17
39	IRCON INFRASTRUCTURE & SERVICES LTD.	1575	0	1575	0	1575	0
40	IRCON INTERNATIONAL LTD.	263	126	2672	101	3414	41
41	IRCON SHIVPURI GUNA TOLLWAY LTD.	72686	5	68253	0	30068	0
42	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	30	0	34	0	32
43	KONKAN RAILWAY CORPORATION LTD.	0	9	0	7	0	3
44	M S T C LTD.	3	8	1	6	1	4
45	MECON LTD.	0	6	0	7	0	10
46	MINERAL EXPLORATION CORPN. LTD.	702	57	721	73	645	117
47	MOIL LTD.	57464	2903	50320	2922	41117	3015
48	NATIONAL FERTILIZERS LTD.	92653	685	88627	691	85697	715
49	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	3	0	2	11	3
50	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1	4	2	0	0	1

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
51	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	3	0	3	1	3
52	NATIONAL SEEDS CORPN. LTD.	614	73	476	75	469	64
53	NATIONAL SMALL INDUSTRIES CORPN. LTD.	30	12	43	12	43	10
54	NATIONAL TEXTILE CORPN. LTD.	12148	102	14778	4	16674	222
55	NBCC (INDIA) LTD.	4	14	4	20	4	46
56	NEPA LTD.	29872	364	27406	698	25235	581
57	NHDC LTD.	187111	540	200359	546	152036	547
58	NHPC LTD.	0	82	0	77	0	78
59	NMDC Ltd.	2103	181	1926	190	1821	196
60	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	5	0	0	0	0
61	NORTHERN COALFIELDS LTD.	425045	8467	362927	8773	322725	8940
62	NTPC LTD.	3518211	1831	3005159	1808	2413353	1724
63	OIL & NATURAL GAS CORPORATION LTD.	12827	0	6511	0	6488	0
64	OIL INDIA LTD.	46236	13	45923	11	33558	7
65	PFC CONSULTING LTD.	0	0	1	0	0	0
66	POWER GRID CORPORATION OF INDIA LTD.	2306635	399	2260604	388	2208563	395
67	POWER GRID JABALPUR TRANSMISSION LTD.	148338	0	116826	0	22803	0
68	POWER GRID VARANASI TRANSMISSION LTD.	9275	0	0	0	0	0
69	POWER GRID WARORA TRANSMISSION LTD.	110777	0	104389	0	77952	0
70	RAIL VIKAS NIGAM LTD.	181	36	163	34	115	34
71	RAILTEL CORPORATION INDIA LTD.	0	19	0	16	0	15
72	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	7	0	7	0	7
73	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	4	8	2	8	2	6
74	RASHTRIYA ISPAT NIGAM LTD.	84	5	23	5	23	3
75	REC LTD.	487	11	478	11	460	11
76	REC POWER DISTRIBUTION CO. LTD.	5	1	0	1	0	1
77	rites LTD.	0	46	0	42	0	30
78	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	87843	2191	86780	2315	72483	2431
79	SJVN LTD.	0	23	0	23	0	23
80	SOUTH EASTERN COALFIELDS LTD.	129537	13330	115670	14346	108409	15172
81	STATE TRADING CORPN. OF INDIA LTD.	83	2	82	4	117	4
82	STCL LTD.	105	0	147	0	215	0
83	STEEL AUTHORITY OF INDIA LTD.	4761	141	5131	165	4690	188
84	TCIL BINA TOLL ROAD LTD.	12072	33	12072	30	12071	32
85	TCIL LAKHNADONE TOLL ROAD LTD.	9163	0	9161	0	8855	0
86	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	360	12	2088	17	2953	20
87	THDC INDIA LTD.	11967	8	0	5	0	5
88	THE COTTON CORPN. OF INDIA LTD.	105	32	89	29	87	34
89	WAPCOS LTD.	61	27	36	16	23	21

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
90	WESTERN COALFIELDS LTD.	53782	11566	49134	12672	45896	13832
STATE TOTAL :		10358067	59998	9100572	63448	7972195	66212
MAHARAHASHTRA							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	110	0	27	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	21822	7242	16994	2497	22889	2497
3	AIR INDIA EXPRESS LTD.	364068	332	338728	434	328919	652
4	AIRLINE ALLIED SERVICES LTD.	2	47	154	36	11	31
5	AIRPORTS AUTHORITY OF INDIA	180260	2304	170950	2458	165090	0
6	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	2	2	0	2	0	2
7	BALMER LAWRIE & CO. LTD.	18386	158	18213	159	17354	157
8	BEL OPTRONICS DEVICES LTD.	41059	137	38791	137	36824	127
9	BEML LTD.	292	82	276	72	284	78
10	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	862	5	1154	12	1153	12
11	BHARAT BROADBAND NETWORK LTD.	146256	128	0	7	42	6
12	BHARAT DYNAMICS LTD.	3927	0	3927	0	3927	0
13	BHARAT ELECTRONICS LTD.	17494	661	15383	689	12200	709
14	BHARAT GAS RESOURCES LTD.	370	9	0	0	0	0
15	BHARAT HEAVY ELECTRICALS LTD.	12439	621	10849	646	10231	761
16	BHARAT PETRO RESOURCES LTD.	241	7	214	2	200	2
17	BHARAT PETROLEUM CORPN. LTD.	1597688	4727	1379912	4852	1549128	5056
18	BHARAT PUMPS & COMPRESSORS LTD.	18	1	18	1	18	3
19	BHARAT SANCHAR NIGAM LTD.	2265961	16069	1925283	16522	1898302	18013
20	BHARTIYA RAIL BIJLEE CO. LTD.	0	2	0	0	0	0
21	BRIDGE & ROOF CO.(INDIA) LTD.	252	19	215	105	0	91
22	CEMENT CORPN. OF INDIA LTD.	0	3	0	0	0	0
23	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	3	0	59	29	81	29
24	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2323	412	1840	420	1547	445
25	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	5149	5	4839	5	4837	6
26	CENTRAL WAREHOUSING CORPN.	31952	304	31465	358	30505	380
27	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	275	49	254	49	243	51
28	COAL INDIA LTD.	8	8	7	9	1	8
29	COASTAL MAHARASHTRA MEGA POWER LTD.	1064	0	970	0	802	0
30	COCHIN SHIPYARD LTD.	7	58	0	0	0	0
31	CONCOR AIR LTD.	4503	0	4504	0	4365	0
32	CONTAINER CORPORATION OF INDIA LTD.	29008	175	26781	179	19378	184
33	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	179102	54	79665	51	8398	70
34	E. C. G. C. LTD.	21919	277	17819	276	17822	280
35	ELECTRONICS CORPN. OF INDIA LTD.	192	57	192	77	194	78
36	ENGINEERING PROJECTS (INDIA) LTD.	112	24	112	22	128	21
37	ENGINEERS INDIA LTD.	3346	91	1937	83	1748	86

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
38	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	15	2	15	0	15	2
39	FOOD CORPN. OF INDIA	12158	1253	11511	1184	10974	1226
40	GAIL (INDIA) LTD.	190785	194	316858	150	203623	201
41	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	19	5	9	6	0	0
42	GOA SHIPYARD LTD.	3	5	3	5	3	5
43	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	407	1	407	2	407	2
44	HIL (INDIA) LTD.	8229	407	8231	479	8105	524
45	HINDUSTAN AERONAUTICS LTD.	170644	4725	162629	4812	241510	4893
46	HINDUSTAN ANTIBIOTICS LTD.	22625	826	22585	873	22522	886
47	HINDUSTAN COPPER LTD.	970	125	945	124	854	118
48	HINDUSTAN ORGANIC CHEMICALS LTD.	28290	15	27747	186	166688	560
49	HINDUSTAN PETROLEUM CORPN. LTD.	2467978	3999	2055975	4095	1801394	4232
50	HINDUSTAN PREFAB LTD.	0	0	0	0	0	3
51	HINDUSTAN STEELWORKS COSTN. LTD.	3	0	1	1	3	0
52	HLL LIFECARE LTD.	815	19	283	123	0	29
53	HMT LTD.	714	60	591	65	583	75
54	HOTEL CORPN. OF INDIA LTD.	200	144	411	160	408	314
55	HOUSING & URBAN DEV. CORPN. LTD.	879	27	875	28	871	27
56	HSCC (INDIA) LTD.	0	8	0	5	0	2
57	I T I LTD.	121	64	121	94	121	31
58	INDIA TOURISM DEV. CORPN. LTD.	4	12	5	12	5	10
59	INDIA TRADE PROMOTION ORGANISATION	30	14	31	17	31	17
60	INDIAN OIL CORPORATION LTD.	339387	2411	255448	2428	208522	2395
61	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	3253	192	3057	198	3133	198
62	INSTRUMENTATION LTD.	100	4	100	4	100	4
63	IRCON INFRASTRUCTURE & SERVICES LTD.	398	0	0	0	0	0
64	IRCON INTERNATIONAL LTD.	6199	89	644	79	385	26
65	IREL (INDIA) LTD.	637	72	634	71	627	78
66	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	39	0	41	0	47
67	KONKAN RAILWAY CORPORATION LTD.	314272	2729	270154	2637	243724	2562
68	M M T C LTD.	521	75	505	98	504	105
69	M S T C LTD.	124	27	110	27	86	28
70	MAHANAGAR TELEPHONE NIGAM LTD.	1301274	11447	1297448	13244	1148801	14766
71	MANGALORE REFINERY & PETROCHEMICALS LTD.	14	10	11	10	9	7
72	MAZAGON DOCK SHIPBUILDERS LTD.	99362	4406	83786	4794	70489	5077
73	MECON LTD.	686	12	684	12	682	8
74	MILLENNIUM TELECOM LTD.	38	0	0	0	0	0
75	MINERAL EXPLORATION CORPN. LTD.	5495	372	4552	420	3677	431
76	MOIL LTD.	66390	3139	53536	3153	43013	3182
77	MUMBAI RAILWAY VIKAS CORPORATION LTD.	5725	289	5585	283	5535	230
78	NATIONAL ALUMINIUM COMPANY LTD.	35612	10	35611	9	35603	11

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
79	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	53	0	53	0	53	1
80	NATIONAL FERTILIZERS LTD.	10	0	10	0	5	0
81	NATIONAL FILM DEV. CORPN. LTD.	849	45	809	46	772	53
82	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	5	0	4	75	4
83	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	4	12	22	9	4	9
84	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	48	2	49	2	49	2
85	NATIONAL SEEDS CORPN. LTD.	1225	50	1146	48	974	45
86	NATIONAL SMALL INDUSTRIES CORPN. LTD.	366	49	342	45	263	45
87	NATIONAL TEXTILE CORPN. LTD.	28644	1621	26341	25	26557	2670
88	NBCC (INDIA) LTD.	6	88	5	67	5	81
89	NEPA LTD.	23	3	23	3	23	3
90	NHPC LTD.	307	7	304	8	303	12
91	NLC INDIA LTD.	13	2	14	2	8	2
92	NMDC Ltd.	2	1	24	1	24	2
93	NTPC LTD.	2436888	803	2328507	860	2189041	760
94	NUCLEAR POWER CORPN. OF INDIA LTD.	684012	3410	612662	3492	656898	3515
95	NUMALIGARH REFINERY LTD.	1	0	2	0	1	0
96	OIL & NATURAL GAS CORPORATION LTD.	186018	6435	173973	6573	166030	6727
97	OIL INDIA LTD.	0	11	0	12	0	9
98	P E C LTD.	0	1	9	5	9	6
99	PAWAN HANS LTD.	85424	0	78448	418	90260	253
100	POWER FINANCE CORPORATION LTD.	0	3	0	3	0	0
101	POWER GRID CORPORATION OF INDIA LTD.	2067046	602	2024740	565	1975254	552
102	POWER GRID PARLI TRANSMISSION LTD.	181616	0	166272	0	51042	0
103	POWER GRID WARORA TRANSMISSION LTD.	108443	0	95942	0	0	0
104	POWER SYSTEM OPERATION CORPORATION LTD.	3269	86	3017	94	2635	88
105	RAIL VIKAS NIGAM LTD.	241	23	215	28	289	24
106	RAILTEL CORPORATION INDIA LTD.	35252	59	32538	62	31604	70
107	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	623	0	0	0	0	0
108	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	0	0	0	0	1
109	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	278561	2992	246855	3212	191266	3401
110	RASHTRIYA ISPAT NIGAM LTD.	2995	30	2836	112	2847	32
111	REC LTD.	205	8	196	10	193	14
112	REC POWER DISTRIBUTION CO. LTD.	3	1	1	1	1	1
113	RICHARDSON & CRUDDAS(1972) LTD.	787	11	787	11	2552	11
114	rites LTD.	2206	150	271	156	553	188
115	SCOOTERS INDIA LTD.	0	2	0	2	0	3
116	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	49430	4678	45321	5002	43577	5360

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
117	SHIPPING CORPORATION OF INDIA LTD.	1559580	554	1598771	593	1596615	608
118	SJVN LTD.	27746	5	27711	5	29731	5
119	STATE TRADING CORPN. OF INDIA LTD.	8393	46	8398	65	9861	72
120	STEEL AUTHORITY OF INDIA LTD.	44876	383	42700	447	41227	538
121	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	6	21	5	15	5	9
122	THDC INDIA LTD.	0	0	0	0	17	2
123	THE COTTON CORPN. OF INDIA LTD.	1144	240	946	260	956	287
124	WAPCOS LTD.	21	14	7	13	17	8
125	WESTERN COALFIELDS LTD.	610680	31479	556367	32991	455907	33800
STATE TOTAL :		18441864	125230	16789269	125385	15927131	131420
MANIPUR							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	4	61	4	61
2	AIRPORTS AUTHORITY OF INDIA	17488	97	14608	92	14230	0
3	BHARAT PETROLEUM CORPN. LTD.	634	3	634	3	571	1
4	ENGINEERING PROJECTS (INDIA) LTD.	1	0	1	0	1	1
5	FOOD CORPN. OF INDIA	0	0	0	0	0	80
6	GAIL GAS LTD.	0	0	0	0	10421	0
7	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	0	0	2	0
8	HINDUSTAN PREFAB LTD.	0	0	0	1	0	0
9	HLL LIFECARE LTD.	29	0	5	5	0	0
10	HOUSING & URBAN DEV. CORPN. LTD.	1	2	1	2	1	2
11	HSCC (INDIA) LTD.	0	1	0	1	0	1
12	INDIAN OIL CORPORATION LTD.	33058	45	29051	46	25785	43
13	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	14205	14	13420	21	11840	33
14	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	0	2	2	2
15	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	1	16	1	12	0
16	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	57	2	50	10	50	33
17	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	2	0	2
18	NBCC (INDIA) LTD.	0	2	0	1	0	1
19	NHPC LTD.	8088	225	7672	277	7046	334
20	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1858	26	1858	0	1958	0
21	OIL INDIA LTD.	0	9	0	7	0	7
22	POWER GRID CORPORATION OF INDIA LTD.	44275	44	41867	50	32478	55
23	RAILTEL CORPORATION INDIA LTD.	0	12	0	1	0	1
24	REC LTD.	0	1	0	1	0	0
25	REC POWER DISTRIBUTION CO. LTD.	0	0	1	0	0	0
26	rites LTD.	0	2	0	2	0	3
27	SJVN LTD.	0	3	0	3	0	3
STATE TOTAL :		119694	491	109188	589	104401	663

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
MEGHALAYA							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	0	1	0	1
2	AIRPORTS AUTHORITY OF INDIA	4671	38	3493	35	3280	0
3	BALMER LAWRIE & CO. LTD.	0	0	0	0	0	1
4	BHARAT BROADBAND NETWORK LTD.	0	0	0	1	7	1
5	BHARAT PETROLEUM CORPN. LTD.	639	3	422	3	0	1
6	COAL INDIA LTD.	143	14	143	14	143	14
7	ENGINEERING PROJECTS (INDIA) LTD.	11	1	11	0	11	0
8	FOOD CORPN. OF INDIA	6150	209	5798	219	5695	233
9	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	1607	0	1419	0
10	HINDUSTAN PREFAB LTD.	0	0	0	0	0	4
11	HLL LIFECARE LTD.	27	0	1	11	0	0
12	HOUSING & URBAN DEV. CORPN. LTD.	15	2	15	2	15	2
13	HSCC (INDIA) LTD.	0	2	0	4	0	3
14	INDIAN OIL CORPORATION LTD.	7250	1	6618	0	5634	0
15	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	0	0	0
16	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	2	0	2	10	0
17	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	51	45	23	30	54	32
18	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	0	0	1
19	NBCC (INDIA) LTD.	0	31	0	3	0	2
20	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	22	5	34	5	13	6
21	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	6838	214	6281	413	5518	432
22	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0	0	165	2
23	NUMALIGARH REFINERY LTD.	3	0	6	0	6	0
24	OIL INDIA LTD.	0	11	5	11	16	11
25	POWER GRID CORPORATION OF INDIA LTD.	7409	239	6897	230	6753	273
26	POWER SYSTEM OPERATION CORPORATION LTD.	2445	64	2137	60	1913	56
27	RAILTEL CORPORATION INDIA LTD.	0	15	0	4	0	3
28	REC LTD.	32	4	25	4	25	6
29	REC POWER DISTRIBUTION CO. LTD.	1	1	1	1	0	1
30	rites LTD.	0	8	0	10	0	8
31	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	3	3	0	1	0	2
32	URANIUM CORPORATION OF INDIA LTD.	1005	8	966	5	918	7
33	WAPCOS LTD.	1	0	0	0	23	0
STATE TOTAL :		36716	921	34483	1069	31618	1102
MIZORAM							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	2	21	2	21
2	AIRPORTS AUTHORITY OF INDIA	2005	30	1721	23	1751	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
3	BRIDGE & ROOF CO.(INDIA) LTD.	0	0	0	0	0	2
4	ENGINEERING PROJECTS (INDIA) LTD.	4	1	5	2	5	3
5	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	239	0	236	0
6	HINDUSTAN PREFAB LTD.	0	0	0	1	0	1
7	HOUSING & URBAN DEV. CORPN. LTD.	1	4	1	3	1	3
8	HSCC (INDIA) LTD.	0	2	0	2	0	2
9	INDIAN OIL CORPORATION LTD.	6336	11	5816	14	5450	16
10	IRCON INTERNATIONAL LTD.	0	3	5	4	5	4
11	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	0	0	1	0	1
12	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	2	22	2	16	0
13	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	7	0	9	0	19
14	NBCC (INDIA) LTD.	0	22	0	4	0	9
15	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	146533	25	147835	93	122081	95
16	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0	0	1	1
17	NTPC LTD.	0	0	0	0	0	2
18	OIL & NATURAL GAS CORPORATION LTD.	4075	0	533	0	550	0
19	OIL INDIA LTD.	7157	6	2700	7	2861	7
20	POWER GRID CORPORATION OF INDIA LTD.	46207	39	11691	45	9415	41
21	RAILTEL CORPORATION INDIA LTD.	0	11	0	4	0	4
STATE TOTAL :		212318	163	170570	235	142374	231
NAGALAND							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	38	0	38	20	38	20
2	AIRPORTS AUTHORITY OF INDIA	13345	57	9810	54	9218	0
3	BHARAT PETROLEUM CORPN. LTD.	416	2	415	2	342	1
4	CENTRAL WAREHOUSING CORPN.	314	12	68	4	68	8
5	ENGINEERING PROJECTS (INDIA) LTD.	0	0	0	0	0	1
6	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	4	0	4	0	4	0
7	FOOD CORPN. OF INDIA	10552	161	8756	168	6813	87
8	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	254	0	183	0
9	HINDUSTAN PREFAB LTD.	0	0	0	0	0	5
10	HLL LIFECARE LTD.	0	0	11	0	0	0
11	HOUSING & URBAN DEV. CORPN. LTD.	21	12	21	11	5	13
12	INDIAN OIL CORPORATION LTD.	8482	20	7120	22	6606	20
13	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	3	30	3	26	0
14	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	0	0	10	0	9
15	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	75010	186	75177	193	74563	204
16	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0	0	1	2

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
17	OIL INDIA LTD.	0	9	0	9	0	9
18	POWER GRID CORPORATION OF INDIA LTD.	17715	58	16767	54	15869	51
19	RAILTEL CORPORATION INDIA LTD.	0	20	0	1	0	1
STATE TOTAL :		125897	540	118471	551	113736	431
ORISSA							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	138	0	135	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	92	0	92	83	92	83
3	AIRPORTS AUTHORITY OF INDIA	46427	240	36740	214	40945	0
4	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	344	9	344	11	328	12
5	BALMER LAWRIE & CO. LTD.	53	3	3	3	3	4
6	BEML LTD.	122	40	118	42	116	42
7	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	0	0	0	3
8	BHARAT BROADBAND NETWORK LTD.	0	0	0	3	12	3
9	BHARAT GAS RESOURCES LTD,	222	6	0	0	0	0
10	BHARAT PETROLEUM CORPN. LTD.	76285	143	57849	135	33516	143
11	BHARAT SANCHAR NIGAM LTD.	486921	2949	472381	3222	449615	3396
12	BHARTIYA RAIL BIJLEE CO. LTD.	0	5	0	0	0	0
13	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	85	14	0	13
14	BRIDGE & ROOF CO.(INDIA) LTD.	1327	25	1373	128	1500	110
15	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2742	361	2452	386	2223	392
16	CENTRAL WAREHOUSING CORPN.	11434	125	10795	198	10733	137
17	CONTAINER CORPORATION OF INDIA LTD.	10048	12	9413	12	8483	10
18	E. C. G. C. LTD.	21	3	22	3	22	3
19	ELECTRONICS CORPN. OF INDIA LTD.	0	2	0	0	0	0
20	ENGINEERING PROJECTS (INDIA) LTD.	41	11	38	13	5	5
21	ENGINEERS INDIA LTD.	0	14	0	14	0	24
22	FERRO SCRAP NIGAM LTD.	2709	130	2397	147	1964	160
23	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	3	0	3	0	3	0
24	FOOD CORPN. OF INDIA	7436	643	7311	642	7086	696
25	GAIL (INDIA) LTD.	7279	42	11209	27	0	4
26	GAIL GAS LTD.	438	0	0	0	0	0
27	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	0	0	595	0	543	0
28	HINDUSTAN AERONAUTICS LTD.	261988	3403	253450	3451	355787	3567
29	HINDUSTAN PETROLEUM CORPN. LTD.	47684	97	41085	108	37845	103
30	HINDUSTAN PREFAB LTD.	0	0	0	0	0	1
31	HINDUSTAN STEELWORKS COSTN. LTD.	51	2	42	3	47	3
32	HLL LIFECARE LTD.	96	3	118	32	0	3
33	HOUSING & URBAN DEV. CORPN. LTD.	363	13	360	14	360	13
34	HSCC (INDIA) LTD.	0	2	0	3	0	3
35	I T I LTD.	4	0	4	0	4	8

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
36	INDIA TOURISM DEV. CORPN. LTD.	155	29	154	37	154	30
37	INDIAN OIL CORPORATION LTD.	4934268	1629	4632475	1517	4537700	1487
38	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	94	47	66	52	67	72
39	IRCON INFRASTRUCTURE & SERVICES LTD.	1	3	0	0	0	0
40	IRCON INTERNATIONAL LTD.	49	25	46	29	35	11
41	IREL (INDIA) LTD.	37358	595	35687	674	31331	748
42	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	10	0	11	0	12
43	KIOCL LTD.	0	1	0	0	0	8
44	M M T C LTD.	526	83	373	112	374	123
45	M S T C LTD.	2	6	2	4	1	2
46	MAHANADI BASIN POWER LTD.	1777	4	1511	4	1927	8
47	MAHANADI COAL RAILWAY LTD.	3759	5	3362	0	0	0
48	MAHANADI COALFIELDLS LTD.	944522	22332	793258	22408	660342	22017
49	MECON LTD.	202	31	201	28	195	24
50	MINERAL EXPLORATION CORPN. LTD.	757	65	0	3	165	15
51	MJSJ COAL LTD.	7919	5	7830	2	7551	3
52	MNH SHAKTI LTD.	2387	4	2630	1	2815	2
53	NAGALAND PULP & PAPER COMPANY LTD.	12295	181	12295	181	12295	181
54	NATIONAL ALUMINIUM COMPANY LTD.	863307	6380	807543	6661	737947	6819
55	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	7	6	7	5	6	5
56	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	14	18	0	11	21	8
57	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	2	1	2	1	2
58	NATIONAL SEEDS CORPN. LTD.	0	0	0	0	0	5
59	NATIONAL SMALL INDUSTRIES CORPN. LTD.	5466	22	4881	23	4099	21
60	NATIONAL TEXTILE CORPN. LTD.	11	0	11	4	303	4
61	NBCC (INDIA) LTD.	7	93	7	76	7	62
62	NLC INDIA LTD.	45337	20	14440	10	4	5
63	NMDC Ltd.	5	4	2	4	5	4
64	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	8	0	0	0	0
65	NTPC LTD.	1617280	1795	1399629	1847	1134111	1857
66	ODISHA INFRAPOWER LTD.	29	0	24	0	20	0
67	OIL INDIA LTD.	216	44	9	52	3	59
68	ORISSA INTEGRATED POWER LTD.	37156	0	33512	0	29094	0
69	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	10583	466	15373	401	15383	401
70	POWER GRID CORPORATION OF INDIA LTD.	942792	385	874032	378	864142	378
71	RAIL VIKAS NIGAM LTD.	720	58	655	70	386	59
72	RAILTEL CORPORATION INDIA LTD.	0	11	0	9	0	8
73	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	13	9	13	0	13	0
74	RASHTRIYA ISPAT NIGAM LTD.	89	8	89	8	86	8

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
75	REC LTD.	221	6	209	8	201	10
76	RITES LTD.	772	84	676	89	772	88
77	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	756	0	694	0	575	0
78	SJVN LTD.	0	13	0	13	0	14
79	STEEL AUTHORITY OF INDIA LTD.	2658967	14852	2564804	15554	2413181	16589
80	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	9	6	9	4	9	3
81	THE BISRA STONE LIME COMPANY LTD.	767	653	605	722	618	722
82	THE COTTON CORPN. OF INDIA LTD.	15	18	8	20	8	21
83	THE FERTILIZER CORPN. OF INDIA LTD.	1245	1	3812	1	7702	1
84	THE JUTE CORPN. OF INDIA LTD.	3	5	2	4	2	9
85	UTKAL ASHOK HOTEL CORPN. LTD.	289	0	95	0	289	0
86	WAPCOS LTD.	286	21	224	20	240	23
STATE TOTAL :		13096702	58326	12119670	59967	11415412	60869
OTHERS AND UNALLOCATED							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	136	0	0	0	0	0
2	AIR INDIA EXPRESS LTD.	0	0	0	0	80	0
3	AIRPORTS AUTHORITY OF INDIA	0	37	0	0	0	17489
4	BHARAT BROADBAND NETWORK LTD.	0	0	0	0	175761	0
5	BHARAT PETRO RESOURCES LTD.	9185	0	8402	0	7703	0
6	BHARAT PETROLEUM CORPN. LTD.	0	4	0	2	0	3
7	BHARAT SANCHAR NIGAM LTD.	3560412	15579	3430298	25779	5207590	31240
8	BHARTIYA RAIL BIJLEE CO. LTD.	0	1	0	0	0	0
9	BRIDGE & ROOF CO.(INDIA) LTD.	661	0	406	0	1417	0
10	CENTRAL WAREHOUSING CORPN.	7207	210	0	0	0	214
11	CONTAINER CORPORATION OF INDIA LTD.	296272	0	254043	0	233696	0
12	ENGINEERING PROJECTS (INDIA) LTD.	73	19	73	17	71	18
13	ENGINEERS INDIA LTD.	945	74	751	70	703	94
14	GAIL (INDIA) LTD.	525	18	113677	12	114328	8
15	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	649	0	0	0	0	0
16	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	184	0	17833	0
17	HINDUSTAN PREFAB LTD.	0	0	0	0	0	84
18	HPCL RAJASTHAN REFINERY LTD.	0	0	0	0	2834	0
19	HSCC (INDIA) LTD.	0	5	0	4	0	0
20	INDIAN OIL CORPORATION LTD.	14103	6	13941	0	13937	0
21	IRCON INFRASTRUCTURE & SERVICES LTD.	15	21	9	14	1267	0
22	IRCON INTERNATIONAL LTD.	6445	78	21388	92	24236	94
23	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	9	0	6	0	0
24	M M T C LTD.	0	2	0	0	0	0
25	MAZAGON DOCK SHIPBUILDERS LTD.	5	0	5	0	0	0
26	NATIONAL FERTILIZERS LTD.	768	378	674	399	0	364
27	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	0	37	1	9	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
28	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	29690	0	21213	0	15625	0
29	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	0	0	1
30	NBCC (INDIA) LTD.	1	13	1	0	-170	3
31	NHPC LTD.	0	10	0	13	0	15
32	NMDC Ltd.	42	5	43	5	42	5
33	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	1	0	0	0	0
34	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0	0	266	0
35	NTPC LTD.	0	47	0	0	0	0
36	OIL & NATURAL GAS CORPORATION LTD.	15382722	0	14054937	0	9272546	0
37	OIL INDIA LTD.	10598	75	0	75	22497	75
38	ONGC VIDESH LTD.	11448446	1823	10796133	1842	10577542	1923
39	POWER GRID CORPORATION OF INDIA LTD.	0	7	0	7	0	8
40	RAILTEL CORPORATION INDIA LTD.	0	0	36417	0	35925	0
41	rites LTD.	56	29	890	32	3557	24
42	SHIPPING CORPORATION OF INDIA LTD.	7	0	7	2	7	2
43	SJVN LTD.	0	6	0	6	0	7
44	STEEL AUTHORITY OF INDIA LTD.	0	1	0	1	0	1
45	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5369	167	5061	176	5030	211
46	WAPCOS LTD.	116	152	98	97	163	93
STATE TOTAL :		30774448	18777	28758688	28652	25734495	51976
PONDICHERRY							
1	AIRPORTS AUTHORITY OF INDIA	0	0	6516	0	6047	0
2	BHARAT BROADBAND NETWORK LTD.	0	0	0	0	0	2
3	BHARAT PETROLEUM CORPN. LTD.	0	1	0	1	0	0
4	CENTRAL WAREHOUSING CORPN.	38	3	40	1	40	13
5	GAIL (INDIA) LTD.	0	27	16203	29	18734	31
6	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	2134	0	1926	0
7	HLL LIFECARE LTD.	19	0	23	3	0	0
8	HOUSING & URBAN DEV. CORPN. LTD.	2	8	2	8	1	8
9	INDIA TOURISM DEV. CORPN. LTD.	0	1	0	0	0	1
10	INDIAN OIL CORPORATION LTD.	21766	16	21138	18	4117	20
11	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	1	0	2	0	1
12	NATIONAL SMALL INDUSTRIES CORPN. LTD.	38	4	36	4	37	5
13	NATIONAL TEXTILE CORPN. LTD.	1812	438	766	444	722	241
14	NBCC (INDIA) LTD.	0	13	0	7	0	0
15	OIL & NATURAL GAS CORPORATION LTD.	0	1423	0	1467	0	1541
16	OIL INDIA LTD.	0	0	34731	0	0	0
17	PONDICHERRY ASHOK HOTEL CORPN. LTD.	416	15	408	15	193	16
18	POWER GRID CORPORATION OF INDIA LTD.	26211	11	23430	13	20664	16

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
19	BITES LTD.	0	1	0	1	0	2
STATE TOTAL :		50302	1962	105427	2013	52481	1897
PUNJAB							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	1	0	1	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	114	0	114	183	114	183
3	AIR INDIA EXPRESS LTD.	6	0	0	0	0	0
4	AIRLINE ALLIED SERVICES LTD.	0	8	0	0	3	0
5	AIRPORTS AUTHORITY OF INDIA	66465	244	62624	226	60038	0
6	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	509	8	305	5	276	6
7	BALMER LAWRIE & CO. LTD.	0	1	0	4	0	2
8	BHARAT BROADBAND NETWORK LTD.	0	0	0	1	21	1
9	BHARAT GAS RESOURCES LTD,	0	3	0	0	0	0
10	BHARAT HEAVY ELECTRICALS LTD.	2200	245	2034	248	1926	249
11	BHARAT PETROLEUM CORPN. LTD.	79951	184	68212	188	41564	208
12	BHARAT SANCHAR NIGAM LTD.	870387	6198	855295	6766	837924	7146
13	BHARTIYA RAIL BIJLEE CO. LTD.	0	1	0	0	0	0
14	BRIDGE & ROOF CO.(INDIA) LTD.	95	3	230	24	0	19
15	BRITISH INDIA CORPORATION LTD.	1643	444	1643	444	1643	444
16	CEMENT CORPN. OF INDIA LTD.	0	0	1367	0	0	0
17	CENTRAL WAREHOUSING CORPN.	9463	163	8767	238	8555	270
18	CHANDIGARH INTERNATIONAL AIRPORT LTD.	96263	28	94604	2	0	0
19	COAL INDIA LTD.	26	12	0	0	0	0
20	CONTAINER CORPORATION OF INDIA LTD.	6159	40	6047	41	5867	54
21	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	0	0	0	0	0	33
22	E. C. G. C. LTD.	154	9	146	9	148	10
23	ELECTRONICS CORPN. OF INDIA LTD.	0	4	0	0	0	0
24	ENGINEERS INDIA LTD.	0	68	0	37	0	22
25	FOOD CORPN. OF INDIA	24158	3040	21482	3244	19417	3486
26	GAIL (INDIA) LTD.	0	15	18210	16	3245	17
27	GAIL GAS LTD.	0	0	0	0	31961	0
28	HIL (INDIA) LTD.	1679	133	1672	149	1658	152
29	HINDUSTAN PETROLEUM CORPN. LTD.	110437	151	111802	153	103373	138
30	HINDUSTAN PREFAB LTD.	0	0	0	1	0	2
31	HLL LIFE CARE LTD.	41	0	8	20	0	0
32	HMT LTD.	59	0	144	0	146	0
33	HSCC (INDIA) LTD.	0	2	0	3	0	3
34	I T I LTD.	0	16	0	0	0	0
35	INDIAN OIL CORPORATION LTD.	176926	461	148622	470	111923	559
36	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	16	0	16	0	16
37	INSTRUMENTATION LTD.	17	1	17	1	17	1
38	IRCON INFRASTRUCTURE & SERVICES LTD.	0	2	0	0	0	0
39	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	12	0	11	0	6

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
40	M M T C LTD.	0	5	0	6	0	6
41	MECON LTD.	0	1	0	1	0	0
42	NATIONAL FERTILIZERS LTD.	291620	1542	273858	1618	256956	1701
43	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	0	0	1	1	2
44	NATIONAL SEEDS CORPN. LTD.	0	0	0	0	0	8
45	NATIONAL SMALL INDUSTRIES CORPN. LTD.	267	32	251	30	210	30
46	NATIONAL TEXTILE CORPN. LTD.	8	3	9	4	30	5
47	NBCC (INDIA) LTD.	0	1	0	21	0	3
48	NHPC LTD.	0	39	0	47	0	52
49	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	1	0	0	0	0
50	OIL INDIA LTD.	0	13	0	14	0	18
51	POWER GRID CORPORATION OF INDIA LTD.	429203	126	403323	129	360858	145
52	PUNJAB ASHOK HOTEL COMPANY LTD.	307	0	304	0	0	0
53	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	26125	0	25359	0	23641	0
54	RAIL VIKAS NIGAM LTD.	0	0	83	0	49	10
55	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	1
56	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	10	2	5	9	4	12
57	RASHTRIYA ISPAT NIGAM LTD.	396	9	292	9	292	10
58	rites LTD.	0	1	0	3	0	10
59	SJVN LTD.	0	18	0	15	0	18
60	STATE TRADING CORPN. OF INDIA LTD.	34	4	812	10	837	9
61	STEEL AUTHORITY OF INDIA LTD.	584	28	509	31	496	37
62	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	7764	42	7769	47	7768	43
63	THE COTTON CORPN. OF INDIA LTD.	184	23	162	29	162	44
64	WAPCOS LTD.	2	0	2	0	2	0
STATE TOTAL :		2203257	13403	2116084	14525	1881125	15191
RAJASTHAN							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	12	0	11	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	162	0	162	86	162	86
3	AIR INDIA EXPRESS LTD.	0	1	0	0	0	0
4	AIRLINE ALLIED SERVICES LTD.	0	23	0	5	0	0
5	AIRPORTS AUTHORITY OF INDIA	123872	477	108007	463	98749	0
6	BEML LTD.	11	23	11	24	11	24
7	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	1	0	0	2	2
8	BHARAT BROADBAND NETWORK LTD.	0	0	0	9	445	7
9	BHARAT PETROLEUM CORPN. LTD.	141627	284	118556	286	75616	303
10	BHARAT SANCHAR NIGAM LTD.	945307	7464	945763	8147	909684	8671
11	BHARTIYA RAIL BIJLEE CO. LTD.	0	5	0	0	0	0
12	BRIDGE & ROOF CO.(INDIA) LTD.	1	7	1	1	0	3
13	CENTRAL WAREHOUSING CORPN.	13331	153	13490	195	12836	117

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
14	COAL INDIA LTD.	4	7	4	7	1	5
15	CONTAINER CORPORATION OF INDIA LTD.	41058	77	34181	70	30366	68
16	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	796343	146	567971	129	293827	96
17	E. C. G. C. LTD.	111	10	113	11	113	10
18	ELECTRONICS CORPN. OF INDIA LTD.	0	9	0	0	0	0
19	ENGINEERING PROJECTS (INDIA) LTD.	552	7	402	7	414	5
20	ENGINEERS INDIA LTD.	0	25	0	16	0	6
21	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1845	40	1708	42	1653	45
22	FOOD CORPN. OF INDIA	9281	1075	8688	1117	8096	1208
23	GAIL (INDIA) LTD.	81812	156	132618	161	57374	162
24	GAIL GAS LTD.	3161	0	2217	0	7514	0
25	HINDUSTAN ANTIBIOTICS LTD.	2	7	2	8	2	10
26	HINDUSTAN COPPER LTD.	35706	965	33625	1166	18987	1408
27	HINDUSTAN PETROLEUM CORPN. LTD.	199624	253	180138	238	113565	227
28	HINDUSTAN PREFAB LTD.	0	0	0	0	0	8
29	HINDUSTAN SALTS LTD.	233	26	438	30	226	24
30	HLL LIFECARE LTD.	17	0	18	16	0	0
31	HMT MACHINE TOOLS LTD.	3635	86	3621	106	3574	122
32	HOUSING & URBAN DEV. CORPN. LTD.	732	19	731	22	730	22
33	HPCL RAJASTHAN REFINERY LTD.	112922	0	28307	0	0	0
34	HSCC (INDIA) LTD.	0	2	0	5	0	4
35	I T I LTD.	0	36	0	13	0	15
36	INDIA TOURISM DEV. CORPN. LTD.	0	0	0	6	218	32
37	INDIAN OIL CORPORATION LTD.	519531	909	457264	909	351822	965
38	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	119	38	117	38	116	38
39	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	0	0	0	1	0	0
40	INSTRUMENTATION LTD.	5650	372	5650	372	5650	372
41	IRCON INFRASTRUCTURE & SERVICES LTD.	908	0	908	3	908	0
42	IRCON INTERNATIONAL LTD.	961	37	4065	62	4356	61
43	IRCON PB TOLLWAY LTD.	52563	6	27759	0	22378	0
44	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	13	0	16	0	15
45	M M T C LTD.	85	18	65	19	83	19
46	M S T C LTD.	4	8	3	6	1	3
47	MECON LTD.	0	2	0	2	0	0
48	MINERAL EXPLORATION CORPN. LTD.	274	42	409	63	508	92
49	NATIONAL ALUMINIUM COMPANY LTD.	60083	0	60083	0	59909	0
50	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	1	1	1
51	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1	0	10	2	2	2
52	NATIONAL SEEDS CORPN. LTD.	19654	579	18910	607	17430	632
53	NATIONAL SMALL INDUSTRIES CORPN. LTD.	95	24	94	24	90	23
54	NATIONAL TEXTILE CORPN. LTD.	81	15	82	12	94	44

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
55	NBCC (INDIA) LTD.	2	11	2	19	2	43
56	NHPC LTD.	33026	5	32966	5	32967	5
57	NLC INDIA LTD.	199608	432	205650	452	184867	423
58	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	1	0	0	0	0
59	NTPC LTD.	193001	156	192255	168	188733	196
60	NUCLEAR POWER CORPN. OF INDIA LTD.	1326401	2371	1150610	2416	988416	2372
61	OIL & NATURAL GAS CORPORATION LTD.	14809	182	15065	181	21542	184
62	OIL INDIA LTD.	76328	102	68409	107	78308	108
63	P E C LTD.	0	0	0	0	0	1
64	POWER GRID CORPORATION OF INDIA LTD.	1255770	323	1021105	291	730277	286
65	RAIL VIKAS NIGAM LTD.	152	0	117	0	80	11
66	RAILTEL CORPORATION INDIA LTD.	0	11	0	8	0	8
67	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	15328	0	15328	0	15328	0
68	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	5055	169	4531	175	4317	170
69	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	7	4	5	4	3	4
70	RASHTRIYA ISPAT NIGAM LTD.	228	10	120	11	122	13
71	REC LTD.	372	13	360	14	347	16
72	REC POWER DISTRIBUTION CO. LTD.	8	0	2	0	2	1
73	rites LTD.	0	18	0	16	0	19
74	SAMBHAR SALTS LTD.	4786	87	3700	110	3576	110
75	SCOOTERS INDIA LTD.	0	1	0	1	0	1
76	SJVN LTD.	0	26	0	26	0	26
77	SOLAR ENERGY CORPORATION OF INDIA	6108	0	6105	0	5957	0
78	STEEL AUTHORITY OF INDIA LTD.	877	19	867	20	867	23
79	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	143	22	141	26	140	36
80	THE COTTON CORPN. OF INDIA LTD.	119	41	107	41	106	45
81	URANIUM CORPORATION OF INDIA LTD.	20	0	6	0	6	1
82	WAPCOS LTD.	213	24	202	22	132	16
STATE TOTAL :		6303731	17476	5473855	18636	4353608	19075
SIKKIM							
1	AIRLINE ALLIED SERVICES LTD.	0	0	0	11	0	0
2	AIRPORTS AUTHORITY OF INDIA	11467	25	16444	21	19509	0
3	BHARAT PETROLEUM CORPN. LTD.	129	0	54	0	44	0
4	FOOD CORPN. OF INDIA	0	0	0	0	0	50
5	HINDUSTAN PETROLEUM CORPN. LTD.	5	0	174	0	169	0
6	HLL LIFECARE LTD.	0	0	0	1	0	0
7	HOUSING & URBAN DEV. CORPN. LTD.	0	2	0	3	0	3
8	INDIAN OIL CORPORATION LTD.	6326	22	7020	22	4918	20
9	IRCON INTERNATIONAL LTD.	0	0	0	0	0	14
10	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	1	19	1	16	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
11	NBCC (INDIA) LTD.	0	3	0	6	0	7
12	NHPC LTD.	249972	375	242204	403	239216	385
13	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0	0	5	5
14	NTPC LTD.	37550	57	26121	0	19339	0
15	POWER GRID CORPORATION OF INDIA LTD.	76657	57	74467	40	74042	37
16	WAPCOS LTD.	0	0	0	0	0	1
STATE TOTAL :		382106	542	366503	508	357258	522
TAMILNADU							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	11715	5	10548	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	4464	0	4464	735	4464	735
3	AIR INDIA EXPRESS LTD.	7	75	73	65	37	30
4	AIRLINE ALLIED SERVICES LTD.	2	50	101	0	16	0
5	AIRPORTS AUTHORITY OF INDIA	472752	2004	476187	2151	422835	0
6	ANDREW YULE & COMPANY LTD.	572	113	572	119	520	120
7	BALMER LAWRIE & CO. LTD.	8640	197	7759	221	7393	237
8	BEML LTD.	94	40	93	42	81	41
9	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	2	0	0	2	3
10	BHARAT BROADBAND NETWORK LTD.	0	0	0	2	21	0
11	BHARAT ELECTRONICS LTD.	12136	305	10559	305	7543	308
12	BHARAT HEAVY ELECTRICALS LTD.	175338	10899	164414	11620	155445	12401
13	BHARAT PETRO RESOURCES LTD.	33263	0	23316	0	18001	0
14	BHARAT PETROLEUM CORPN. LTD.	241103	614	200225	636	131554	678
15	BHARAT PUMPS & COMPRESSORS LTD.	1	1	1	1	1	1
16	BHARAT SANCHAR NIGAM LTD.	2648822	16785	2621382	18806	1459917	13816
17	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	652182	472	602461	480	569110	417
18	BHARTIYA RAIL BIJLEE CO. LTD.	0	2	0	0	0	0
19	BRIDGE & ROOF CO.(INDIA) LTD.	375	43	178	62	0	62
20	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	327	6	328	6	309	6
21	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	3487	3	3487	3	3484	3
22	CENTRAL WAREHOUSING CORPN.	8581	170	8094	189	7824	148
23	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	11	4	11	4	11	4
24	CHENNAI PETROLEUM CORPORATION LTD.	956886	1726	826628	1709	722508	1645
25	CHEYUR INFRA LTD.	9	0	7	0	4	0
26	COAL INDIA LTD.	5	6	5	6	2	6
27	COASTAL TAMIL NADU POWER LTD.	21943	0	19913	0	18172	0
28	CONTAINER CORPORATION OF INDIA LTD.	10344	80	10023	80	9497	86
29	E. C. G. C. LTD.	2097	80	2115	88	2078	83
30	ELECTRONICS CORPN. OF INDIA LTD.	29	16	29	37	29	43
31	ENGINEERING PROJECTS (INDIA) LTD.	96	26	94	31	99	26
32	ENGINEERS INDIA LTD.	3325	71	3207	70	3267	81

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
33	FERRO SCRAP NIGAM LTD.	6	1	7	1	0	1
34	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	46	25	46	25	46	27
35	FOOD CORPN. OF INDIA	12122	1119	11129	1091	10274	1140
36	GAIL (INDIA) LTD.	57466	30	66619	25	30999	26
37	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	0	1	0	1	0	0
38	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	7324	18	7336	24	7336	26
39	HIL (INDIA) LTD.	4	6	4	7	4	7
40	HINDUSTAN AERONAUTICS LTD.	0	3	0	3	0	4
41	HINDUSTAN ANTIBIOTICS LTD.	4	10	4	14	4	15
42	HINDUSTAN PETROLEUM CORPN. LTD.	166975	416	141565	427	125635	441
43	HINDUSTAN STEELWORKS COSTN. LTD.	16	0	13	0	14	0
44	HLL BIOTECH LTD.	55336	168	50927	202	40897	157
45	HLL LIFECARE LTD.	2240	40	1373	98	939	63
46	HLL MEDIPARK LTD	18	7	10	5	1	2
47	HOUSING & URBAN DEV. CORPN. LTD.	1244	37	1244	39	1242	41
48	I T I LTD.	17	14	17	13	17	13
49	IDPL (TAMILNADU) LTD.	5970	112	5970	112	5970	112
50	INDIA TOURISM DEV. CORPN. LTD.	12	13	10	13	8	9
51	INDIA TRADE PROMOTION ORGANISATION	83	9	83	8	81	10
52	INDIAN OIL CORPORATION LTD.	477251	1635	391638	1613	342371	1654
53	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2999	113	2973	113	858	113
54	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	8	2	7	1	166	1
55	IRCON INFRASTRUCTURE & SERVICES LTD.	1061	0	1061	0	1061	0
56	IREL (INDIA) LTD.	6089	236	5927	258	6837	283
57	KAMARAJAR PORT LTD.	304916	108	289818	98	264848	103
58	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	33	0	32	0	31
59	M M T C LTD.	4073	71	4073	80	4072	91
60	M S T C LTD.	10	18	9	16	11	17
61	MADRAS FERTILIZERS LTD.	24022	527	22794	565	22388	612
62	MANGALORE REFINERY & PETROCHEMICALS LTD.	423	0	423	0	423	0
63	MECON LTD.	1	2	1	3	1	4
64	MINERAL EXPLORATION CORPN. LTD.	597	36	561	40	136	29
65	MISHRA DHATU NIGAM LTD.	0	0	0	0	1	1
66	MUMBAI RAILWAY VIKAS CORPORATION LTD.	0	0	0	1	0	1
67	NATIONAL ALUMINIUM COMPANY LTD.	11992	8	10216	9	25	9
68	NATIONAL BACKWARD CLASSES FINANCE & DEV.PCO.	0	0	0	0	0	1
69	NATIONAL FILM DEV. CORPN. LTD.	543	16	541	16	532	18
70	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	79	17	77	22	69	24

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
71	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	0	0	0	0	2
72	NATIONAL SEEDS CORPN. LTD.	270	23	269	22	206	15
73	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1796	51	1797	56	1773	56
74	NATIONAL TEXTILE CORPN. LTD.	36728	3069	36238	3426	36741	1972
75	NBCC (INDIA) LTD.	4	37	1	52	0	41
76	NEYVELI UTTAR PRADESH POWER LTD	0	1	0	0	0	1
77	NHPC LTD.	28599	7	28362	10	0	4
78	NLC INDIA LTD.	2088701	12621	1750887	13869	1409608	14512
79	NLC TAMIL NADU POWER LTD.	709683	219	703507	246	687559	233
80	NMDC Ltd.	11	3	11	3	11	3
81	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	24	4	35	4	16	4
82	NTPC LTD.	1748	336	1836	60	1816	78
83	NUCLEAR POWER CORPN. OF INDIA LTD.	3564243	1809	2856758	1797	2433028	1728
84	OIL & NATURAL GAS CORPORATION LTD.	379336	606	333325	626	297801	648
85	OIL INDIA LTD.	0	10	0	9	0	8
86	P E C LTD.	0	1	7	7	7	7
87	POWER FINANCE CORPORATION LTD.	79	5	79	5	157	5
88	POWER GRID CORPORATION OF INDIA LTD.	1160373	310	814069	300	688352	288
89	POWERGRID NM TRANSMISSION LTD.	99895	0	94572	0	92848	0
90	RAIL VIKAS NIGAM LTD.	198	34	181	32	236	29
91	RAILTEL CORPORATION INDIA LTD.	0	22	0	19	0	19
92	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	4	0	4	0	4
93	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	688	6	688	8	1076	9
94	RASHTRIYA ISPAT NIGAM LTD.	1619	26	1619	26	1619	26
95	REC LTD.	253	12	239	14	224	14
96	RICHARDSON & CRUDDAS(1972) LTD.	0	0	0	0	316	0
97	rites LTD.	148	76	126	68	323	70
98	SAIL REFRACTORY COMPANY LTD.	2703	147	2487	184	2476	204
99	SCOOTERS INDIA LTD.	0	1	0	2	0	2
100	SETHUSAMUDRAM CORPN. LTD.	70862	8	70862	8	71034	0
101	SHIPPING CORPORATION OF INDIA LTD.	8	39	28	43	27	44
102	SJVN LTD.	0	2	0	2	0	2
103	STATE TRADING CORPN. OF INDIA LTD.	1596	27	2423	38	2639	43
104	STEEL AUTHORITY OF INDIA LTD.	365332	1048	364611	1133	364219	1235
105	TAMIL NADU TRADE PROMOTION ORGANISATION	6057	6	4849	5	4863	6
106	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	70	19	68	20	67	20
107	THE COTTON CORPN. OF INDIA LTD.	8	15	6	20	7	21
108	WAPCOS LTD.	27	18	21	18	36	14
STATE TOTAL :		14932612	59268	13082711	64579	10510575	57433

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
TELANGANA							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	0	67	0	67
2	AIR INDIA EXPRESS LTD.	0	2	0	0	0	0
3	AIRLINE ALLIED SERVICES LTD.	0	47	0	32	1	0
4	AIRPORTS AUTHORITY OF INDIA	53	10	734	6	30856	0
5	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	2	3	2	3	2	3
6	BALMER LAWRIE & CO. LTD.	2037	23	2078	19	1980	21
7	BEML LTD.	626	87	611	86	22	87
8	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	0	0	1	2
9	BHARAT BROADBAND NETWORK LTD.	0	0	0	2	9	1
10	BHARAT DYNAMICS LTD.	112746	2941	105865	3006	89944	3098
11	BHARAT ELECTRONICS LTD.	16824	506	15314	528	0	0
12	BHARAT HEAVY ELECTRICALS LTD.	109872	4186	107577	4540	104248	4933
13	BHARAT PETROLEUM CORPN. LTD.	74932	145	62471	148	40494	139
14	BHARAT SANCHAR NIGAM LTD.	1028220	8621	0	0	0	0
15	BHARTIYA RAIL BIJLEE CO. LTD.	0	1	0	0	0	0
16	BRIDGE & ROOF CO.(INDIA) LTD.	206	0	336	31	0	9
17	CEMENT CORPN. OF INDIA LTD.	32839	192	32127	239	30933	236
18	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	545	2	545	2	527	2
19	CENTRAL WAREHOUSING CORPN.	7001	109	60	2	60	45
20	COAL INDIA LTD.	5	7	5	6	1	5
21	CONTAINER CORPORATION OF INDIA LTD.	4610	50	3798	47	3595	51
22	E. C. G. C. LTD.	151	11	0	12	153	12
23	ELECTRONICS CORPN. OF INDIA LTD.	29643	1625	24260	1692	19421	1913
24	ENGINEERING PROJECTS (INDIA) LTD.	17	10	14	10	11	12
25	ENGINEERS INDIA LTD.	0	31	0	0	0	16
26	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	11	9	11	10	0	9
27	FOOD CORPN. OF INDIA	0	0	8927	0	8172	0
28	GAIL (INDIA) LTD.	248	44	0	44	0	47
29	HINDUSTAN AERONAUTICS LTD.	118538	1783	112082	1867	158410	1910
30	HINDUSTAN CABLES LTD.	0	0	0	0	16678	0
31	HINDUSTAN FLUOROCARBONS LIMITED	11130	100	11121	140	11089	155
32	HINDUSTAN PETROLEUM CORPN. LTD.	117882	345	93233	350	77320	325
33	HINDUSTAN STEELWORKS COSTN. LTD.	0	0	50	0	0	0
34	HLL LIFECARE LTD.	0	0	5	7	0	0
35	HMT LTD.	375	0	477	0	490	0
36	HMT MACHINE TOOLS LTD.	8985	339	8851	407	8896	489
37	HOUSING & URBAN DEV. CORPN. LTD.	164	23	187	27	179	23
38	HSCC (INDIA) LTD.	0	2	0	4	0	3
39	I T I LTD.	8	15	4	0	4	18
40	INDIAN OIL CORPORATION LTD.	166710	447	66910	438	37945	424
41	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	131	0	0	0	0	0
42	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	7	2	6	2	6	2

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
43	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	16	0	19	0	9
44	M M T C LTD.	32	21	32	31	0	31
45	M S T C LTD.	4	11	19	20	24	22
46	MADRAS FERTILIZERS LTD.	18	9	18	9	18	9
47	MECON LTD.	0	2	0	2	0	2
48	MINERAL EXPLORATION CORPN. LTD.	79	9	13	10	2	11
49	MISHRA DHATU NIGAM LTD.	65149	788	43983	844	36525	750
50	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	132	8	131	10	37	11
51	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	17	12	12	15	0	11
52	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	0	0	0	0	1	2
53	NATIONAL SEEDS CORPN. LTD.	1611	46	1583	45	1580	27
54	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	33	0	34
55	NATIONAL TEXTILE CORPN. LTD.	1	0	1	0	0	0
56	NBCC (INDIA) LTD.	0	14	0	23	0	10
57	NLC INDIA LTD.	11	0	11	2	8	4
58	NMDC Ltd.	21576	488	18948	508	52737	529
59	NTPC LTD.	816320	1114	435630	1106	284480	1180
60	OIL INDIA LTD.	0	6	0	1	0	1
61	POWER GRID CORPORATION OF INDIA LTD.	483252	255	370073	277	356645	308
62	POWERGRID VIZAG TRANSMISSION LTD.	15162	0	15163	0	2422	0
63	RAIL VIKAS NIGAM LTD.	257	0	225	0	0	0
64	RAILTEL CORPORATION INDIA LTD.	0	62	0	57	0	60
65	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	17	12	18	6	18	12
66	RASHTRIYA ISPAT NIGAM LTD.	9040	175	8655	176	8037	184
67	REC LTD.	473	22	468	27	429	34
68	REC POWER DISTRIBUTION CO. LTD.	1	1	0	1	0	1
69	rites LTD.	137	0	125	0	182	42
70	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	17709	674	16912	800	16056	915
71	STATE TRADING CORPN. OF INDIA LTD.	0	0	1512	22	0	0
72	STEEL AUTHORITY OF INDIA LTD.	4767	31	2988	32	2995	35
73	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	4	0	4	0	0
74	THE COTTON CORPN. OF INDIA LTD.	188	169	96	42	70	141
75	THE FERTILIZER CORPN. OF INDIA LTD.	163	1	0	1	4723	1
76	WAPCOS LTD.	13	16	0	17	0	13
STATE TOTAL :		3280647	25684	1574277	17914	1408436	18446
TRIPURA							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	4	30	4	30
2	AIRLINE ALLIED SERVICES LTD.	0	0	0	40	0	0
3	AIRPORTS AUTHORITY OF INDIA	45117	132	27480	115	14048	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
4	BHARAT BROADBAND NETWORK LTD.	0	0	0	1	236	0
5	BHARAT PETROLEUM CORPN. LTD.	387	2	386	2	285	2
6	BRIDGE & ROOF CO.(INDIA) LTD.	0	6	0	0	0	1
7	CENTRAL WAREHOUSING CORPN.	798	13	363	9	363	19
8	CONTAINER CORPORATION OF INDIA LTD.	1335	0	1041	0	727	0
9	ENGINEERING PROJECTS (INDIA) LTD.	12	4	11	5	5	4
10	GAIL (INDIA) LTD.	3245	23	1887	27	19491	26
11	HINDUSTAN STEELWORKS COSTN. LTD.	25	1	5	0	15	0
12	HLL LIFECARE LTD.	28	0	25	6	0	0
13	HOUSING & URBAN DEV. CORPN. LTD.	1	2	1	2	1	2
14	INDIAN OIL CORPORATION LTD.	26619	45	17423	47	13453	46
15	IRCON INTERNATIONAL LTD.	0	23	0	16	0	5
16	MINERAL EXPLORATION CORPN. LTD.	0	0	1	0	0	0
17	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	0	0	1	0	1
18	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	3	7	3	5	0
19	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	31	10	0	21	25	23
20	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	0	0	1
21	NBCC (INDIA) LTD.	3	20	2	28	2	46
22	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	185359	134	181896	192	181837	197
23	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0	0	396	19
24	OIL & NATURAL GAS CORPORATION LTD.	335251	1028	298955	1061	300747	1062
25	OIL INDIA LTD.	0	14	0	14	0	12
26	POWER GRID CORPORATION OF INDIA LTD.	31855	26	31797	23	31067	18
27	RAILTEL CORPORATION INDIA LTD.	0	14	0	3	0	1
28	REC POWER DISTRIBUTION CO. LTD.	0	1	1	0	1	0
29	MITES LTD.	0	0	0	1	0	0
30	SJVN LTD.	0	1	0	1	0	1
31	STEEL AUTHORITY OF INDIA LTD.	0	0	0	0	0	1
32	THE JUTE CORPN. OF INDIA LTD.	1	9	1	7	1	8
STATE TOTAL :		630067	1511	561286	1655	562709	1525
UTTAR PRADESH							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	258	0	177	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	227	0	227	241	227	241
3	AIR INDIA EXPRESS LTD.	0	2	0	1	0	1
4	AIRLINE ALLIED SERVICES LTD.	0	6	0	0	0	0
5	AIRPORTS AUTHORITY OF INDIA	166876	2554	116040	866	85838	0
6	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	8194	233	5978	209	3344	240
7	BALMER LAWRIE & CO. LTD.	158	7	1	10	1	9
8	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	285	7	382	19	378	9

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
9	BHARAT BROADBAND NETWORK LTD.	0	0	0	14	32	13
10	BHARAT ELECTRONICS LTD.	35939	1758	37810	1639	34955	1683
11	BHARAT GAS RESOURCES LTD,	68	6	0	0	0	0
12	BHARAT HEAVY ELECTRICALS LTD.	55955	3542	51970	3830	50040	4340
13	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	619	112	616	113	616	112
14	BHARAT PETROLEUM CORPN. LTD.	307746	927	252437	938	132987	983
15	BHARAT PUMPS & COMPRESSORS LTD.	10500	208	10484	284	10470	376
16	BHARAT SANCHAR NIGAM LTD.	2113639	13041	2007465	6235	1926998	15262
17	BHARTIYA RAIL BIJLEE CO. LTD.	0	77	0	0	0	0
18	BRAHAMPUTRA CRACKERS & POLYMER LTD.	611	1	409	1	0	0
19	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	3	1	3	1	3	1
20	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	441	72	0	107
21	BRIDGE & ROOF CO.(INDIA) LTD.	631	30	360	17	0	23
22	BRITISH INDIA CORPORATION LTD.	2832	765	2832	765	2830	765
23	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2780	1	2695	1	2463	0
24	BUNDELKHAND SAUR URJA LTD.	959	6	888	8	189	11
25	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	21	0	21	0	22	0
26	CENTRAL ELECTRONICS LTD.	8575	362	8253	413	7622	448
27	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	3090	7	3086	6	3062	4
28	CENTRAL WAREHOUSING CORPN.	16999	200	16186	354	7195	230
29	COAL INDIA LTD.	18	8	19	11	5	11
30	CONTAINER CORPORATION OF INDIA LTD.	30286	188	29519	194	18847	203
31	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1007188	279	698624	288	369321	240
32	E. C. G. C. LTD.	284	29	235	26	236	26
33	EdCIL(India) Ltd.	4771	115	1110	111	1080	96
34	ELECTRONICS CORPN. OF INDIA LTD.	1	1	1	2	1	2
35	ENGINEERING PROJECTS (INDIA) LTD.	27	3	0	3	6	3
36	ENGINEERS INDIA LTD.	0	20	0	15	0	27
37	FOOD CORPN. OF INDIA	20457	2276	18892	2297	18085	2406
38	GAIL (INDIA) LTD.	2595718	1881	1804682	1902	1710373	1830
39	GAIL GAS LTD.	42249	0	34633	0	29781	0
40	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	3456	48	3359	52	3359	59
41	HINDUSTAN AERONAUTICS LTD.	184432	4096	171096	4303	242483	4357
42	HINDUSTAN ANTIBIOTICS LTD.	3	25	3	20	3	22
43	HINDUSTAN CABLES LTD.	95	0	0	0	8035	0
44	HINDUSTAN FERTILIZER CORPN. LTD.	17	1	16	1	0	0
45	HINDUSTAN PETROLEUM CORPN. LTD.	230442	361	194307	375	169649	344
46	HINDUSTAN PREFAB LTD.	0	0	0	10	0	18
47	HINDUSTAN STEELWORKS COSTN. LTD.	1	0	5	0	5	0
48	HLL INFRA TECH SERVICES LTD.	61	103	29	107	12	86
49	HLL LIFECARE LTD.	1214	10	1069	180	4459	6

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
50	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	0	17	0	0
51	HOUSING & URBAN DEV. CORPN. LTD.	185	17	185	20	185	18
52	HSCC (INDIA) LTD.	1488	100	1471	101	1397	97
53	I T I LTD.	77683	2096	74453	2205	67770	2698
54	INDIA TOURISM DEV. CORPN. LTD.	9	5	7	6	13	9
55	INDIAN OIL CORPORATION LTD.	1031381	3327	872890	3302	743187	3251
56	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1942	68	1353	68	237	68
57	INSTRUMENTATION LTD.	22	9	22	9	22	9
58	IRCON INFRASTRUCTURE & SERVICES LTD.	489	2	489	1	489	0
59	IRCON INTERNATIONAL LTD.	1292	83	5400	81	4917	90
60	JAGDISHPUR PAPER MILLS LTD.	1650	0	1650	0	1650	0
61	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	30	0	32	0	36
62	M M T C LTD.	0	3	0	2	0	2
63	M S T C LTD.	3	9	2	6	1	3
64	MECON LTD.	0	28	0	31	0	21
65	MINERAL EXPLORATION CORPN. LTD.	0	0	0	3	0	0
66	NAINI AEROSPACE LTD.	910	145	424	136	7	125
67	NATIONAL FERTILIZERS LTD.	2498	192	2235	188	1896	169
68	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1379	79	1363	80	1297	79
69	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	129	33	129	38	134	35
70	NATIONAL SEEDS CORPN. LTD.	2040	99	1715	105	1629	108
71	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1051	84	1020	87	823	91
72	NATIONAL TEXTILE CORPN. LTD.	331	42	350	59	350	81
73	NBCC (INDIA) LTD.	798	192	660	163	690	198
74	NEYVELI UTTAR PRADESH POWER LTD	525204	127	147679	66	21754	39
75	NHPC LTD.	388	19	391	26	363	24
76	NLC INDIA LTD.	0	0	0	70	0	44
77	NMDC Ltd.	2398	2	2397	1	2397	2
78	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	35	0	0	0	0
79	NORTHERN COALFIELDS LTD.	290403	5979	222785	6273	206299	6406
80	NTPC LTD.	2885474	5224	2639052	5644	2250495	6142
81	NUCLEAR POWER CORPN. OF INDIA LTD.	51323	724	50225	784	49771	824
82	NUMALIGARH REFINERY LTD.	2	0	4	0	19	0
83	OIL INDIA LTD.	0	163	0	182	26547	185
84	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	289	0	0	0	0	0
85	PAWAN HANS LTD.	1456	414	1145	0	1239	71
86	POWER GRID CORPORATION OF INDIA LTD.	3172856	911	3184353	896	2927151	888
87	POWER GRID VARANASI TRANSMISSION LTD.	9567	0	1525	0	0	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
88	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	630	0	0	0	0	0
89	POWERGRID UNCHAHAR TRANSMISSION LTD.	7293	0	7292	0	7263	0
90	PROJECTS & DEVELOPMENT INDIA LTD.	3390	245	2926	247	2894	257
91	RAIL VIKAS NIGAM LTD.	495	60	391	34	257	30
92	RAILTEL CORPORATION INDIA LTD.	0	22	0	21	0	20
93	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	11	0	10	0	9
94	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	464	18	454	21	454	18
95	RASHTRIYA ISPAT NIGAM LTD.	207	23	217	21	217	26
96	REC LTD.	461	24	440	28	425	31
97	REC POWER DISTRIBUTION CO. LTD.	495	21	90	17	8	5
98	REC TRANSMISSION PROJECTS CO. LTD.	2	0	0	0	0	0
99	rites LTD.	108	97	84	93	671	102
100	SCOOTERS INDIA LTD.	7653	111	7581	166	6212	241
101	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	8531	249	6438	258	4922	265
102	SJVN LTD.	0	163	0	149	0	155
103	STATE TRADING CORPN. OF INDIA LTD.	32	14	118	19	144	22
104	STEEL AUTHORITY OF INDIA LTD.	41101	79	42513	78	43240	85
105	TANDA TRANSMISSION COMPANY LTD.	0	0	0	0	158	0
106	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	42	11	40	10	32	8
107	THDC INDIA LTD.	68351	112	52243	103	15131	94
108	THE FERTILIZER CORPN. OF INDIA LTD.	794	0	794	0	794	2
109	WAPCOS LTD.	17	0	17	4	19	7
STATE TOTAL :		15062391	54798	12813372	47895	11240582	57784
UTTARANCHAL							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	34	34	34	34
2	AIRLINE ALLIED SERVICES LTD.	0	0	0	4	2	0
3	AIRPORTS AUTHORITY OF INDIA	1	162	20690	148	19515	0
4	BALMER LAWRIE & CO. LTD.	0	0	0	1	0	1
5	BHARAT BROADBAND NETWORK LTD.	0	0	0	3	5	3
6	BHARAT ELECTRONICS LTD.	4430	522	3717	535	2875	543
7	BHARAT HEAVY ELECTRICALS LTD.	97579	5096	94134	5303	89445	5536
8	BHARAT PETROLEUM CORPN. LTD.	10028	14	7423	10	2206	5
9	BHARAT SANCHAR NIGAM LTD.	236265	1441	231292	1604	220911	1729
10	BRIDGE & ROOF CO.(INDIA) LTD.	0	1	0	1	0	2
11	CEMENT CORPN. OF INDIA LTD.	0	7	0	0	0	0
12	CENTRAL WAREHOUSING CORPN.	785	91	1046	0	879	90
13	ENGINEERING PROJECTS (INDIA) LTD.	11	1	0	1	21	3
14	FERRO SCRAP NIGAM LTD.	148	14	148	16	148	16
15	FOOD CORPN. OF INDIA	2493	336	2421	298	2275	318
16	GAIL (INDIA) LTD.	0	15	36747	13	0	14
17	GAIL GAS LTD.	80	0	0	0	0	0

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
18	HINDUSTAN CABLES LTD.	0	0	142	0	0	0
19	HINDUSTAN PETROLEUM CORPN. LTD.	13354	26	10703	25	8573	24
20	HINDUSTAN PREFAB LTD.	0	0	0	2	0	2
21	HINDUSTAN SALTS LTD.	3	0	3	1	3	2
22	HINDUSTAN STEELWORKS COSTN. LTD.	5	0	1	1	2	0
23	HLL LIFECARE LTD.	32	0	37	8	0	0
24	HMT WATCHES LTD.	9	0	9	145	9	146
25	HOUSING & URBAN DEV. CORPN. LTD.	308	11	327	11	312	9
26	HSCC (INDIA) LTD.	0	2	0	2	0	3
27	I T I LTD.	0	2	0	5	0	0
28	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	5409	461	5312	129	5306	129
29	INDIAN OIL CORPORATION LTD.	50570	177	43082	181	60814	181
30	IRCON INFRASTRUCTURE & SERVICES LTD.	853	0	853	0	853	0
31	M S T C LTD.	0	1	0	0	0	0
32	MECON LTD.	0	1	0	1	0	1
33	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	0	0	0
34	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	2	14	0	8	0
35	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1032	40	921	49	1034	52
36	NATIONAL SEEDS CORPN. LTD.	0	0	0	0	0	16
37	NATIONAL SMALL INDUSTRIES CORPN. LTD.	93	8	93	10	6	11
38	NBCC (INDIA) LTD.	7	15	5	55	5	77
39	NEPA LTD.	6	1	5	2	153	2
40	NHPC LTD.	124681	543	126978	627	124168	666
41	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	1	0	0	0	0
42	NTPC LTD.	430043	126	380437	165	323119	171
43	OIL & NATURAL GAS CORPORATION LTD.	153886	1870	116786	2012	70571	2201
44	OIL INDIA LTD.	0	12	0	10	0	6
45	POWER GRID CORPORATION OF INDIA LTD.	252566	54	200259	49	168818	49
46	RAIL VIKAS NIGAM LTD.	56	16	21	0	19	0
47	RAILTEL CORPORATION INDIA LTD.	0	2	0	2	0	2
48	RASHTRIYA ISPAT NIGAM LTD.	61	5	61	6	61	6
49	REC LTD.	5	3	0	4	0	3
50	rites LTD.	0	0	0	0	0	2
51	SIDCUL CONCOR INFRA COMPANY LTD.	9292	0	9216	0	8844	0
52	SJVN LTD.	35797	3	22531	35	15361	36
53	STEEL AUTHORITY OF INDIA LTD.	8	2	7	2	8	1
54	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	21	16	21	27	20	29
55	THDC INDIA LTD.	1581414	1766	1535060	1809	1461474	1831
56	WAPCOS LTD.	14	3	12	4	14	4
STATE TOTAL :		3011345	12870	2850548	13350	2587871	13956

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
WEST BENGAL							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	2091	1	1643	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	3272	700	3272	700
3	AIR INDIA EXPRESS LTD.	15	0	0	1	10	1
4	AIRLINE ALLIED SERVICES LTD.	0	63	132	0	89	62
5	AIRPORTS AUTHORITY OF INDIA	437372	864	400792	1854	391196	0
6	ANDREW YULE & COMPANY LTD.	10248	6927	9608	7024	8987	7084
7	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	4	5	4	6	4	6
8	BALMER LAWRIE & CO. LTD.	10682	500	9971	540	9500	576
9	BEML LTD.	475	95	464	81	458	87
10	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	17625	173	17229	217	17073	279
11	BHARAT BROADBAND NETWORK LTD.	0	0	0	4	28	5
12	BHARAT COKING COAL LTD.	10237	1377	7821	1336	6495	992
13	BHARAT HEAVY ELECTRICALS LTD.	28905	692	25472	738	22689	818
14	BHARAT PETROLEUM CORPN. LTD.	220247	558	160591	599	69209	659
15	BHARAT PUMPS & COMPRESSORS LTD.	0	0	1	1	1	1
16	BHARAT SANCHAR NIGAM LTD.	1592317	9312	1493199	10200	686615	5144
17	BHARAT WAGON & ENGG. CO. LTD.	5	0	5	0	5	3
18	BHARTIYA RAIL BIJLEE CO. LTD.	0	24	0	0	0	0
19	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	2	1	3	1	4	1
20	BRAITHWAITE & CO. LTD.	6867	241	6784	259	6893	280
21	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1267	108	826	135	389	154
22	BRIDGE & ROOF CO.(INDIA) LTD.	2295	931	1514	619	0	673
23	CENTRAL COALFIELDS LTD.	3318	41	0	0	36	24
24	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	49	14	45	10	42	10
25	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1416	328	1397	327	1113	346
26	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1086	2	1086	2	1075	2
27	CENTRAL WAREHOUSING CORPN.	22085	197	20387	229	13406	282
28	COAL INDIA LTD.	32613	395	28235	317	27832	690
29	COCHIN SHIPYARD LTD.	9	0	0	0	0	0
30	CONTAINER CORPORATION OF INDIA LTD.	6250	63	5772	65	5357	65
31	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	5511	28	764	29	247	28
32	E. C. G. C. LTD.	788	31	797	33	802	30
33	EASTERN COALFIELDS LTD.	401297	51326	351520	53227	278236	55221
34	EASTERN INVESTMENT LTD.	5	3	9	2	10	2
35	ELECTRONICS CORPN. OF INDIA LTD.	14	26	14	46	14	52
36	ENGINEERING PROJECTS (INDIA) LTD.	164	29	164	30	157	43
37	ENGINEERS INDIA LTD.	394	81	363	88	346	65
38	FERRO SCRAP NIGAM LTD.	3800	155	3290	172	2772	176
39	FOOD CORPN. OF INDIA	14985	1662	12969	1690	12081	1750
40	GAIL (INDIA) LTD.	86	36	127	24	25	15

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
41	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	40254	2044	47346	2152	40916	2345
42	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	16	4	16	5	16	5
43	HEAVY ENGINEERING CORPN. LTD.	128	4	119	4	119	5
44	HIL (INDIA) LTD.	24	12	24	10	22	13
45	HINDUSTAN AERONAUTICS LTD.	7010	412	5850	416	6583	419
46	HINDUSTAN ANTIBIOTICS LTD.	7	4	7	3	7	0
47	HINDUSTAN CABLES LTD.	1345	0	2264	0	21029	0
48	HINDUSTAN COPPER LTD.	486	112	392	117	344	118
49	HINDUSTAN FERTILIZER CORPN. LTD.	2182	0	16868	0	16712	0
50	HINDUSTAN PETROLEUM CORPN. LTD.	100646	431	80156	463	65819	495
51	HINDUSTAN PREFAB LTD.	0	0	0	0	0	5
52	HINDUSTAN STEELWORKS COSTN. LTD.	8350	7	4230	6	4272	9
53	HLL LIFECARE LTD.	13	9	11	22	1548	15
54	HOOGHLY DOCK AND PORT ENGINEERS LTD.	864	43	767	45	1999	45
55	HOOGHLY PRINTING COMPANY LTD.	637	41	637	43	633	49
56	HOOGLY COCHIN SHIPYARD LTD.	490	0	602	0	0	0
57	HOUSING & URBAN DEV. CORPN. LTD.	1244	24	1244	23	1242	23
58	HSCC (INDIA) LTD.	0	12	0	9	0	4
59	I T I LTD.	49	48	49	49	44	43
60	INDIA TOURISM DEV. CORPN. LTD.	9	13	6	16	6	13
61	INDIA TRADE PROMOTION ORGANISATION	185	6	185	7	185	7
62	INDIAN OIL CORPORATION LTD.	1345310	3420	1091304	3380	803795	3431
63	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1073	202	634	204	476	204
64	INSTRUMENTATION LTD.	35	9	35	9	35	9
65	IRCON INFRASTRUCTURE & SERVICES LTD.	1813	0	1840	0	1840	0
66	IRCON INTERNATIONAL LTD.	344	45	691	98	704	33
67	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	42	0	47	0	45
68	KOLKATA METRO RAIL CORPORATION LTD.	525270	8	396714	25	239719	9
69	M M T C LTD.	104	75	104	85	90	99
70	M S T C LTD.	2753	151	1218	140	558	134
71	MAHANADI COALFIELDLS LTD.	15	20	13	22	9	19
72	MECON LTD.	531	31	523	36	520	50
73	MINERAL EXPLORATION CORPN. LTD.	236	10	233	9	135	13
74	MISHRA DHATU NIGAM LTD.	0	1	5	1	0	1
75	NATIONAL ALUMINIUM COMPANY LTD.	612	15	611	17	606	17
76	NATIONAL BACKWARD CLASSES FINANCE & DEV.CO.	0	0	0	1	0	1
77	NATIONAL FILM DEV. CORPN. LTD.	46	6	45	7	46	7
78	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	78	10	76	16	73	16
79	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	88	68	147	93	82	108

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
80	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	16	2	16	2	16	2
81	NATIONAL SEEDS CORPN. LTD.	556	44	533	39	466	28
82	NATIONAL SMALL INDUSTRIES CORPN. LTD.	2734	55	2673	49	2457	59
83	NATIONAL TEXTILE CORPN. LTD.	2410	13	2609	16	2629	42
84	NBCC (INDIA) LTD.	9	141	7	157	4	144
85	NHPC LTD.	356166	388	350660	433	349041	492
86	NLC INDIA LTD.	42	2	42	2	24	2
87	NMDC Ltd.	1093	4	1093	4	1092	3
88	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	26	3	71	3	29	4
89	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1128	37	401	8	413	8
90	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0	0	0	2
91	NORTHERN COALFIELDS LTD.	5	10	5	11	47	11
92	NTPC LTD.	426554	1051	402453	1177	379323	1253
93	NUMALIGARH REFINERY LTD.	21240	41	21657	42	19825	42
94	OIL & NATURAL GAS CORPORATION LTD.	15278	342	11309	410	19504	505
95	OIL INDIA LTD.	4224	160	9479	156	10932	158
96	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	265	0	299	46	299	46
97	P E C LTD.	0	0	0	3	0	5
98	PFC CONSULTING LTD.	0	0	3	0	0	0
99	POWER GRID CORPORATION OF INDIA LTD.	998936	432	942111	404	920038	401
100	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	124260	0	12175	0	1920	0
101	POWER SYSTEM OPERATION CORPORATION LTD.	2906	81	2632	78	2407	80
102	RAIL VIKAS NIGAM LTD.	773	41	694	71	852	59
103	RAILTEL CORPORATION INDIA LTD.	67841	69	35580	67	30122	79
104	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	14	5	11	6	3	5
105	RASHTRIYA ISPAT NIGAM LTD.	228	20	232	22	239	27
106	REC LTD.	724	12	710	13	694	15
107	REC POWER DISTRIBUTION CO. LTD.	25	1	4	1	4	1
108	rites LTD.	1564	230	1491	230	2202	256
109	SCOOTERS INDIA LTD.	0	1	0	1	0	2
110	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	10657	1058	10546	1193	18465	1316
111	SHIPPING CORPORATION OF INDIA LTD.	638	66	585	78	636	101
112	SJVN LTD.	0	9	0	11	0	11
113	SOUTH EASTERN COALFIELDS LTD.	0	38	0	0	0	48
114	STATE TRADING CORPN. OF INDIA LTD.	1731	31	1732	45	1959	50
115	STEEL AUTHORITY OF INDIA LTD.	3188652	16893	3169060	17952	3087410	19389
116	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5	5	5	7	5	6
117	THE BISRA STONE LIME COMPANY LTD.	0	3	14	2	14	2

		(Gross Block : Rs in Lakhs)		(Employment in Numbers)			
		2018-19		2017-18		2016-17	
S.No.	State / CPSE	Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
118	THE COTTON CORPN. OF INDIA LTD.	100	10	100	11	100	11
119	THE JUTE CORPN. OF INDIA LTD.	410	146	381	195	374	242
120	WAPCOS LTD.	53	26	39	18	50	20
	STATE TOTAL :	10108034	105098	9202648	111149	7630247	109062
	GRAND TOTAL :	219043824	1032846	197328404	1087525	177025020	1135675

STATEMENT - 12

RANKING OF CPSEs IN TERMS OF PROFIT/LOSS BEFORE EXCEPTIONAL, EXTRAORDINARY ITEMS & TAX (PBEET) IN 2018-19

(₹ in Lakhs)

CPSE	2018-19	2017-18	2016-17	Rank based on PBEET 2018-19
OIL & NATURAL GAS CORPORATION LTD.	3995403	2889247	2521551	1
INDIAN OIL CORPORATION LTD.	2512692	3256428	2632124	2
POWER GRID CORPORATION OF INDIA LTD.	1174092	1047685	956976	3
COAL INDIA LTD.	1056242	931483	1451023	4
BHARAT PETROLEUM CORPN. LTD.	1043962	1128597	1104279	5
POWER FINANCE CORPORATION LTD.	981579	584511	510979	6
GAIL (INDIA) LTD.	941115	693068	570955	7
HINDUSTAN PETROLEUM CORPN. LTD.	933866	920193	902084	8
MAHANADI COALFIELDS LTD.	928108	733966	687568	9
NTPC LTD.	883118	1560031	1309903	10
REC LTD.	810050	588415	886070	11
NMDC Ltd.	719906	603536	429368	12
ONGC VIDESH LTD.	682529	82905	237018	13
NORTHERN COALFIELDS LTD.	665916	408972	311705	14
SOUTH EASTERN COALFIELDS LTD.	557067	382097	318657	15
OIL INDIA LTD.	494301	370980	329805	16
NHPC LTD.	374478	287863	347460	17
STEEL AUTHORITY OF INDIA LTD.	372729	-78537	-463412	18
AIRPORTS AUTHORITY OF INDIA	368399	441694	455761	19
HINDUSTAN AERONAUTICS LTD.	362764	323985	358258	20
NUCLEAR POWER CORPN. OF INDIA LTD.	360823	462217	323242	21
NUMALIGARH REFINERY LTD.	305443	314234	314757	22
INDIAN RAILWAY FINANCE CORPORATION LTD.	290159	259249	213327	23
NATIONAL ALUMINIUM COMPANY LTD.	273992	121475	100487	24
BHARAT ELECTRONICS LTD.	270319	194784	202942	25
CENTRAL COALFIELDS LTD.	269220	138749	237130	26
NLC INDIA LTD.	217108	258123	233408	27
BHARAT HEAVY ELECTRICALS LTD.	205786	158499	62783	28
HOUSING & URBAN DEV. CORPN. LTD.	186321	140863	117474	29
SJVN LTD.	184962	164837	187393	30
CONTAINER CORPORATION OF INDIA LTD.	168888	138565	118061	31
THDC INDIA LTD.	143661	91089	96551	32
EASTERN COALFIELDS LTD.	129839	-146673	1532	33
MAZAGON DOCK SHIPBUILDERS LTD.	82668	69653	83700	34
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	81518	57061	91445	35
COCHIN SHIPYARD LTD.	75138	60486	49340	36
RAIL VIKAS NIGAM LTD.	74589	55779	48138	37
MOIL LTD.	71975	64792	46190	38
rites LTD.	67672	48475	48810	39
BHARAT DYNAMICS LTD.	67137	77382	80281	40
NHDC LTD.	66602	72475	126036	41
IRCON INTERNATIONAL LTD.	61518	53035	45785	42
MANGALORE REFINERY & PETROCHEMICALS LTD.	59556	337659	393414	43
ENGINEERS INDIA LTD.	56751	56810	50018	44

CPSE	2018-19	2017-18	2016-17	Rank based on PBEET 2018-19
NBCC (INDIA) LTD.	55846	50262	48765	45
BHARAT COKING COAL LTD.	55705	-212525	-26308	46
NATIONAL FERTILIZERS LTD.	46337	33483	32488	47
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	43853	33373	32804	48
KAMARAJAR PORT LTD.	43226	41710	41349	49
NLC TAMIL NADU POWER LTD.	42589	21848	13420	50
ANTRIX CORPORATION LTD.	41925	31621	33394	51
INDIA INFRASTRUCTURE FINANCE CO. LTD.	40389	-139689	41406	52
URANIUM CORPORATION OF INDIA LTD.	39783	12612	20921	53
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	38562	53897	53787	54
ELECTRONICS CORPN. OF INDIA LTD.	36704	8400	8408	55
E. C. G. C. LTD.	31439	12341	40749	56
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	28919	36718	36025	57
BALMER LAWRIE & CO. LTD.	28010	26112	25411	58
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	26382	12082	6458	59
HINDUSTAN COPPER LTD.	23035	12204	9455	60
CENTRAL WAREHOUSING CORPN.	22542	2762	26059	61
RAILTEL CORPORATION INDIA LTD.	21520	19384	18927	62
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	21181	12834	24873	63
GOA SHIPYARD LTD.	21047	33054	17745	64
IREL (INDIA) LTD.	20062	12385	-602	65
SOLAR ENERGY CORPORATION OF INDIA	20049	10174	7927	66
WESTERN COALFIELDS LTD.	19372	-282928	-107551	67
MISHRA DHATU NIGAM LTD.	19105	19187	18635	68
WAPCOS LTD.	18442	15313	15691	69
KIOCL LTD.	18412	8608	3295	70
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	18116	12775	2012	71
THE FERTILIZER CORPN. OF INDIA LTD.	18055	78	3480	72
AIR INDIA EXPRESS LTD.	16859	21829	23696	73
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	16314	-12906	-26268	74
MINERAL EXPLORATION CORPN. LTD.	15464	14881	16123	75
POWERGRID VIZAG TRANSMISSION LTD.	13945	8115	-3054	76
BEML LTD.	13096	16379	9829	77
M M T C LTD.	12835	6754	-1004	78
AIR INDIA AIR TRANSPORT SERVICES LTD.	12742	10495	6167	79
KANTI BIJLEE UTPADAN NIGAM LTD.	12693	-18109	-2195	80
GAIL GAS LTD.	12561	11894	10019	81
NATIONAL SMALL INDUSTRIES CORPN. LTD.	11668	15215	16507	82
KONKAN RAILWAY CORPORATION LTD.	10187	12273	5966	83
NTPC VIDYUT VYAPAR NIGAM LTD.	10187	9481	11831	84
I T I LTD.	9254	23056	26639	85
POWER GRID PARLI TRANSMISSION LTD.	9172	0	0	86
POWER GRID WARORA TRANSMISSION LTD.	8409	3676	305	87
HSCC (INDIA) LTD.	7949	3719	5569	88
HINDUSTAN SHIPYARD LTD.	7872	7669	5853	89
BALMER LAWRIE INVESTMENTS LTD.	7818	5546	4088	90
THE COTTON CORPN. OF INDIA LTD.	7642	-4974	95	91

CPSE	2018-19	2017-18	2016-17	Rank based on PBEET 2018-19
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	7636	5943	2128	92
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	7611	5079	5574	93
ONGC MANGALORE PETROCHEMICALS LTD.	7418	-47585	-49328	94
HINDUSTAN ORGANIC CHEMICALS LTD.	7080	-20345	-25557	95
AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	6816	23399	0	96
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	6692	5995	7951	97
POWER SYSTEM OPERATION CORPORATION LTD.	6341	7198	5480	98
INDIA TRADE PROMOTION ORGANISATION	5910	14819	17110	99
BRIDGE & ROOF CO.(INDIA) LTD.	5142	2607	3008	100
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	5127	4747	4901	101
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	5011	5377	4839	102
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	4946	3923	2794	103
NATIONAL SEEDS CORPN. LTD.	4464	1501	6608	104
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	4438	1006	451	105
EdCIL(India) Ltd.	4378	5487	4730	106
FERRO SCRAP NIGAM LTD.	4109	1304	3627	107
REC POWER DISTRIBUTION CO. LTD.	4101	5469	6067	108
INDIA TOURISM DEV. CORPN. LTD.	4018	927	3507	109
PROJECTS & DEVELOPMENT INDIA LTD.	3722	61	-995	110
MUMBAI RAILWAY VIKAS CORPORATION LTD.	3587	162	2338	111
HINDUSTAN STEELWORKS COSTN. LTD.	3554	3813	2662	112
TAMIL NADU TRADE PROMOTION ORGANISATION	3502	3143	3091	113
REC TRANSMISSION PROJECTS CO. LTD.	3221	4684	4986	114
PFC CONSULTING LTD.	3165	4316	8855	115
SAIL REFRACTORY COMPANY LTD.	3120	2173	3265	116
HLL INFRA TECH SERVICES LTD.	3087	1126	409	117
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2988	3158	3625	118
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2845	2549	2242	119
CHANDIGARH INTERNATIONAL AIRPORT LTD.	2619	2086	0	120
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2523	1903	4707	121
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	2504	1965	2508	122
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	2241	1558	1806	123
THE JUTE CORPN. OF INDIA LTD.	2051	2746	1289	124
BEL OPTRONICS DEVICES LTD.	1866	1268	859	125
POWERGRID KALA AMB TRANSMISSION LTD.	1848	1062	0	126
IRCON INFRASTRUCTURE & SERVICES LTD.	1720	1811	2081	127
HMT LTD.	1694	367	-4547	128
RICHARDSON & CRUDDAS(1972) LTD.	1646	1646	1519	129
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1580	2313	1971	130
HLL LIFECARE LTD.	1536	-6681	-3585	131
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1506	1559	4220	132
POWERGRID UNCHAHAR TRANSMISSION LTD.	1475	753	-8	133
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1436	622	1738	134
POWER GRID JABALPUR TRANSMISSION LTD.	1431	0	0	135
KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	1390	1241	1110	136
HINDUSTAN CABLES LTD.	1344	-937	-96349	137

CPSE	2018-19	2017-18	2016-17	Rank based on PBEET 2018-19
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	1321	1797	1570	138
BRAITHWAITE & CO. LTD.	1197	260	-895	139
NBCC SERVICES LTD.	1144	1122	1060	140
ANDREW YULE & COMPANY LTD.	1051	2357	3850	141
MECON LTD.	997	4402	-7735	142
NMDC CSR FOUNDATION	983	0	0	143
BRAHAMPUTRA CRACKERS & POLYMER LTD.	956	-13124	-61194	144
JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	838	865	966	145
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	766	1091	453	146
KARNATAKA TRADE PROMOTION ORGANISATION	699	695	502	147
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	575	453	109	148
BHARAT BROADBAND NETWORK LTD.	533	613	2811	149
PRIZE PETROLEUM COMPANY LTD.	502	-157	-1495	150
HIL (INDIA) LTD.	465	447	414	151
IIFCL ASSET MANAGEMENT COMPANY LTD.	448	434	168	152
CENTRAL ELECTRONICS LTD.	407	2966	2756	153
IRCON DAVANAGERE HAVERI HIGHWAY LTD.	326	0	0	154
HINDUSTAN PREFAB LTD.	292	288	891	155
IIFCL PROJECTS LTD.	281	316	231	156
AGRINNOVATE INDIA LTD.	270	229	322	157
RAILTEL ENTERPRISES LTD.	251	230	188	158
BROADCAST ENGG. CONSULTANTS INDIA LTD.	217	-578	341	159
HMT (INTERNATIONAL) LTD.	202	1	26	160
HINDUSTAN FLUOROCARBONS LIMITED	170	-77	-385	161
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	160	462	2704	162
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	154	152	92	163
HINDUSTAN SALTS LTD.	120	184	40	164
BEL-THALES SYSTEMS LTD.	97	-248	-82	165
MILLENNIUM TELECOM LTD.	87	71	47	166
DELHI POLICE HOUSING CORPORATION LTD.	76	64	2	167
LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	53	88	163	168
HMT BEARINGS LTD.	24	-120	0	169
PONDICHERRY ASHOK HOTEL CORPN. LTD.	22	4	34	170
CONCOR AIR LTD.	15	1922	1199	171
NATIONAL FILM DEV. CORPN. LTD.	14	2128	7	172
EASTERN INVESTMENT LTD.	11	67	117	173
IRCON VADODARA KIM EXPRESSWAY LTD.	7	0	0	174
HIGH SPEED RAIL CORPORATION OF INDIA LTD.	5	8	17	175
NATIONAL RESEARCH DEVELOPMENT CORPN.	3	62	134	176
TCIL LAKHNADONE TOLL ROAD LTD.	-6	-159	-464	177
HLL MOTHER & CHILD CARE HOSPITALS LTD.	-30	0	0	178
INDIAN VACCINE CORP. LTD.	-37	-45	-50	179
VIGNYAN INDUSTRIES LTD.	-51	43	13	180
J & K MINERAL DEVELOPMENT CORPN. LTD.	-74	141	-85	181

CPSE	2018-19	2017-18	2016-17	Rank based on PBEET 2018-19
UTKAL ASHOK HOTEL CORPN. LTD.	-81	-82	-76	182
BPCL-KIAL FUEL FARM PVT. LTD.	-106	-17	0	183
PATRATU VIDYUT UTPADAN NIGAM LTD.	-138	-4	0	184
BHARAT WAGON & ENGG. CO. LTD.	-176	-1110	-1423	185
HOOGHLY PRINTING COMPANY LTD.	-179	-357	-23	186
STCL LTD.	-189	-65743	-56166	187
NBCC ENGINEERING AND CONSULTANCY LTD.	-197	-264	-25	188
POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	-212	0	-2	189
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	-218	376	1161	190
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-239	-226	-197	191
IDPL (TAMILNADU) LTD.	-239	-239	-239	192
IRCON PB TOLLWAY LTD.	-282	124	83	193
SIDCUL CONCOR INFRA COMPANY LTD.	-449	-1125	-1029	194
SCOOTERS INDIA LTD.	-463	-1862	-879	195
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	-468	47	-113	196
TCIL BINA TOLL ROAD LTD.	-522	-511	-1046	197
VISAKHAPATANAM PORT LOGISTICS PARK LTD.	-557	-102	0	198
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-577	-1131	-41	199
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	-629	-2254	-1863	200
NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	-698	-662	-589	201
BHEL ELECTRICAL MACHINES LTD.	-700	-773	-582	202
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-737	-796	922	203
FRESH & HEALTHY ENTERPRISES LTD.	-839	-1062	-1366	204
CEMENT CORPN. OF INDIA LTD.	-877	660	-2230	205
SAMBHAR SALTS LTD.	-1083	-258	-855	206
HOOGHLY DOCK AND PORT ENGINEERS LTD.	-1085	-1533	-1798	207
PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-1124	-1166	11	208
NAINI AEROSPACE LTD.	-1295	-1063	-174	209
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	-1391	3640	4704	210
NAGALAND PULP & PAPER COMPANY LTD.	-1739	-1739	-1739	211
THE BISRA STONE LIME COMPANY LTD.	-2802	-1071	-1773	212
ENGINEERING PROJECTS (INDIA) LTD.	-2963	172	412	213
IRCON SHIVPURI GUNA TOLLWAY LTD.	-3051	2	61	214
HINDUSTAN FERTILIZER CORPN. LTD.	-3299	391	245	215
BHARAT PUMPS & COMPRESSORS LTD.	-3842	-4630	-8189	216
HLL BIOTECH LTD.	-4182	-3323	-481	217
BHARAT PETRO RESOURCES LTD.	-4985	-18714	-20809	218
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	-6315	-2249	750	219
HMT MACHINE TOOLS LTD.	-6383	-12925	-12759	220
HPCL BIOFUELS LTD.	-6755	-7794	-3072	221
HOTEL CORPN. OF INDIA LTD.	-6863	-6032	-5575	222
HINDUSTAN ANTIBIOTICS LTD.	-7110	-6858	-7824	223
INSTRUMENTATION LTD.	-7373	-7373	-7373	224
SHIPPING CORPORATION OF INDIA LTD.	-7485	2948	18576	225

CPSE	2018-19	2017-18	2016-17	Rank based on PBEET 2018-19
NEPA LTD.	-7779	3012	-6862	226
MADRAS FERTILIZERS LTD.	-8085	-4464	474	227
PAWAN HANS LTD.	-8593	1173	3693	228
POWERGRID NM TRANSMISSION LTD.	-8967	-11505	-2898	229
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	-9786	5065	11069	230
BRITISH INDIA CORPORATION LTD.	-10603	-10603	-10221	231
HINDUSTAN NEWSPRINT LTD.	-13504	-11444	-6487	232
P E C LTD.	-16094	-6717	-9539	233
AIR INDIA ENGINEERING SERVICES LTD.	-18088	-49566	-51088	234
STATE TRADING CORPN. OF INDIA LTD.	-18268	370	-595	235
HEAVY ENGINEERING CORPN. LTD.	-25624	-11193	-8227	236
M S T C LTD.	-26920	11159	9661	237
AIRLINE ALLIED SERVICES LTD.	-29664	-27133	-28803	238
CHENNAI PETROLEUM CORPORATION LTD.	-29802	145823	136503	239
NATIONAL TEXTILE CORPN. LTD.	-31331	-33306	-42996	240
BHARTIYA RAIL BIJLEE CO. LTD.	-34608	38953	966	241
RASHTRIYA ISPAT NIGAM LTD.	-53229	-137040	-169049	242
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-63914	-25817	1236	243
MAHANAGAR TELEPHONE NIGAM LTD.	-339020	-297345	-294546	244
AIR INDIA LTD.	-847480	-533774	-413615	245
BHARAT SANCHAR NIGAM LTD.	-1490424	-873816	-479321	246
TOTAL :	21706535	18541721	18118064	

STATEMENT - 13
RANKING OF CPSEs IN TERMS OF GROSS TURNOVER / REVENUE IN 2018-19

(₹ in Lakhs)

CPSE	Gross Turnover / Revenue			Rank
	2018-19	2017-18	2016-17	2018-19
INDIAN OIL CORPORATION LTD.	60592377	50642759	44544190	1
BHARAT PETROLEUM CORPN. LTD.	33762253	27727054	24204782	2
HINDUSTAN PETROLEUM CORPN. LTD.	29692906	24408535	21386982	3
FOOD CORPN. OF INDIA	15029331	13453817	13120563	4
OIL & NATURAL GAS CORPORATION LTD.	10965455	8500410	7790773	5
NTPC LTD.	9030743	8345270	7827344	6
GAIL (INDIA) LTD.	7512676	5382549	4888299	7
MANGALORE REFINERY & PETROCHEMICALS LTD.	7231511	6308364	5943049	8
STEEL AUTHORITY OF INDIA LTD.	6696731	5896236	4976710	9
CHENNAI PETROLEUM CORPORATION LTD.	5220122	4418848	4060752	10
POWER GRID CORPORATION OF INDIA LTD.	3411912	2976459	2571007	11
BHARAT HEAVY ELECTRICALS LTD.	3034895	2881300	2969982	12
M M T C LTD.	2897944	1645081	1170836	13
POWER FINANCE CORPORATION LTD.	2884200	2597585	2658642	14
AIR INDIA LTD.	2550883	2294813	2182707	15
REC LTD.	2530972	2245462	2358730	16
SOUTH EASTERN COALFIELDS LTD.	2123788	2022752	1893653	17
RASHTRIYA ISPAT NIGAM LTD.	2049203	1460718	1241874	18
HINDUSTAN AERONAUTICS LTD.	1989412	1862378	1855356	19
NUMALIGARH REFINERY LTD.	1851115	1592319	1394692	20
BHARAT SANCHAR NIGAM LTD.	1776106	2266778	2840373	21
ONGC VIDESH LTD.	1743458	1278714	1162870	22
MAHANADI COALFIELDLS LTD.	1701100	1458952	1498198	23
NORTHERN COALFIELDS LTD.	1552141	1265778	1129399	24
OIL INDIA LTD.	1373496	1065647	951039	25
EASTERN COALFIELDS LTD.	1340977	1094125	1046237	26
AIRPORTS AUTHORITY OF INDIA	1308669	1230669	1186054	27
NATIONAL FERTILIZERS LTD.	1224524	895436	764336	28
CENTRAL COALFIELDS LTD.	1217990	1155071	1150709	29
NMDC Ltd.	1215267	1161491	882964	30
BHARAT ELECTRONICS LTD.	1208460	1040061	914044	31
NUCLEAR POWER CORPN. OF INDIA LTD.	1152845	1220634	1000318	32
NATIONAL ALUMINIUM COMPANY LTD.	1149932	961831	805002	33
INDIAN RAILWAY FINANCE CORPORATION LTD.	1113232	926714	904677	34
RAIL VIKAS NIGAM LTD.	1006007	755656	591962	35
BHARAT COKING COAL LTD.	987488	760407	884975	36
WESTERN COALFIELDS LTD.	967006	833815	746524	37
STATE TRADING CORPN. OF INDIA LTD.	890344	1086571	781449	38
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	888547	728196	722416	39
ONGC MANGALORE PETROCHEMICALS LTD.	836243	556129	525657	40
NHPC LTD.	816118	693822	727117	41
NBCC (INDIA) LTD.	724475	590501	627939	42
NLC INDIA LTD.	714592	849620	865259	43
CONTAINER CORPORATION OF INDIA LTD.	688191	615716	560613	44
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	571134	440230	596602	45
HOUSING & URBAN DEV. CORPN. LTD.	554764	417136	349885	46

CPSE	Gross Turnover / Revenue			Rank
	2018-19	2017-18	2016-17	2018-19
GAIL GAS LTD.	536705	460213	279432	47
MAZAGON DOCK SHIPBUILDERS LTD.	464915	448798	353048	48
NTPC VIDYUT VYAPAR NIGAM LTD.	448125	501527	522384	49
IRCON INTERNATIONAL LTD.	441510	389064	302423	50
AIR INDIA EXPRESS LTD.	417157	354444	329862	51
SHIPPING CORPORATION OF INDIA LTD.	392586	346947	344735	52
INDIA INFRASTRUCTURE FINANCE CO. LTD.	365105	356814	375095	53
BEML LTD.	348106	330542	283466	54
SOLAR ENERGY CORPORATION OF INDIA	323513	115818	78519	55
BRIDGE & ROOF CO.(INDIA) LTD.	307629	205342	174745	56
BHARAT DYNAMICS LTD.	306935	458760	488662	57
COCHIN SHIPYARD LTD.	296216	235512	205887	58
M S T C LTD.	292700	194627	142869	59
THE COTTON CORPN. OF INDIA LTD.	283245	117353	185346	60
KONKAN RAILWAY CORPORATION LTD.	282540	243742	214442	61
THDC INDIA LTD.	276796	218510	209474	62
NLC TAMIL NADU POWER LTD.	275752	281771	253315	63
ELECTRONICS CORPN. OF INDIA LTD.	271662	140817	149732	64
BRAHAMPUTRA CRACKERS & POLYMER LTD.	267693	174868	77849	65
SJVN LTD.	265577	222997	267931	66
NATIONAL SMALL INDUSTRIES CORPN. LTD.	254707	253668	231188	67
ENGINEERS INDIA LTD.	244434	178758	144864	68
HSCC (INDIA) LTD.	206327	150548	151116	69
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	202021	180626	147927	70
URANIUM CORPORATION OF INDIA LTD.	201393	178274	126599	71
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	200704	163295	140447	72
MAHANAGAR TELEPHONE NIGAM LTD.	198780	237191	286968	73
rites LTD.	196897	143385	129935	74
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	195498	192867	188327	75
KIOCL LTD.	188771	163718	92936	76
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	186823	146917	153893	77
HINDUSTAN COPPER LTD.	181626	170591	131077	78
ENGINEERING PROJECTS (INDIA) LTD.	179105	160741	163038	79
BALMER LAWRIE & CO. LTD.	177520	175811	182808	80
I T I LTD.	166837	148417	154813	81
ANTRIX CORPORATION LTD.	164033	193227	187171	82
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	161622	123263	113905	83
KANTI BIJLEE UTPADAN NIGAM LTD.	160526	86156	38825	84
MADRAS FERTILIZERS LTD.	159300	161714	139483	85
CENTRAL WAREHOUSING CORPN.	151951	150209	150849	86
HLL LIFECARE LTD.	144437	107538	105435	87
MOIL LTD.	144067	132346	98984	88
WAPCOS LTD.	141309	114129	92136	89
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	138642	134966	92932	90
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	127456	115475	93052	91
AIR INDIA ENGINEERING SERVICES LTD.	119197	78511	74045	92
BHARTIYA RAIL BIJLEE CO. LTD.	116973	69741	8687	93
NATIONAL SEEDS CORPN. LTD.	115851	81584	86234	94

CPSE	Gross Turnover / Revenue			Rank
	2018-19	2017-18	2016-17	2018-19
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	114953	125837	124141	95
NATIONAL TEXTILE CORPN. LTD.	108185	106627	116850	96
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	107374	112717	111822	97
RAILTEL CORPORATION INDIA LTD.	98605	98385	84786	98
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	98374	287571	329623	99
COAL INDIA LTD.	93430	93391	31118	100
GOA SHIPYARD LTD.	90561	137343	105545	101
E. C. G. C. LTD.	85668	127041	87405	102
AIRLINE ALLIED SERVICES LTD.	82161	60453	36767	103
NHDC LTD.	80454	78491	130693	104
IREL (INDIA) LTD.	76962	57488	46210	105
MISHRA DHATU NIGAM LTD.	71085	66608	80971	106
KAMARAJAR PORT LTD.	70798	63098	62014	107
AIR INDIA AIR TRANSPORT SERVICES LTD.	66291	64260	59679	108
HINDUSTAN STEELWORKS COSTN. LTD.	65704	97954	111176	109
P E C LTD.	62787	447091	427151	110
HINDUSTAN SHIPYARD LTD.	59491	64478	62904	111
MECON LTD.	47920	48037	34909	112
HINDUSTAN ORGANIC CHEMICALS LTD.	47199	24233	14330	113
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	46084	38146	44721	114
HIL (INDIA) LTD.	45075	43906	36951	115
PAWAN HANS LTD.	37997	39541	42764	116
AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	36895	34333	0	117
MINERAL EXPLORATION CORPN. LTD.	36675	36908	34771	118
FERRO SCRAP NIGAM LTD.	36519	31961	31058	119
HEAVY ENGINEERING CORPN. LTD.	36384	40645	44033	120
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	36261	35955	38925	121
IRCON PB TOLLWAY LTD.	35607	27754	17789	122
INDIA TOURISM DEV. CORPN. LTD.	34995	33971	33077	123
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	33944	22560	23832	124
NATIONAL FILM DEV. CORPN. LTD.	32100	42042	16214	125
BROADCAST ENGG. CONSULTANTS INDIA LTD.	32046	23935	22343	126
EdCIL(India) Ltd.	31727	28871	15822	127
BRAITHWAITE & CO. LTD.	31703	13089	15419	128
IRCON DAVANAGERE HAVERI HIGHWAY LTD.	31270	246	0	129
ANDREW YULE & COMPANY LTD.	31116	36150	42671	130
POWERGRID VIZAG TRANSMISSION LTD.	29545	24230	6759	131
HINDUSTAN PREFAB LTD.	28719	23845	26019	132
POWER GRID PARLI TRANSMISSION LTD.	28297	0	0	133
POWER GRID WARORA TRANSMISSION LTD.	28044	6370	366	134
CEMENT CORPN. OF INDIA LTD.	27783	33114	37368	135
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	27415	19286	13821	136
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	26932	24302	23037	137
POWER SYSTEM OPERATION CORPORATION LTD.	26893	20113	17825	138
THE JUTE CORPN. OF INDIA LTD.	23434	22682	6330	139
HPCL BIOFUELS LTD.	23298	13423	38252	140
CENTRAL ELECTRONICS LTD.	23255	22127	29197	141

CPSE	Gross Turnover / Revenue			Rank
	2018-19	2017-18	2016-17	2018-19
HMT MACHINE TOOLS LTD.	21741	17708	19752	142
SAIL REFRACTORY COMPANY LTD.	19720	13158	14168	143
HLL INFRA TECH SERVICES LTD.	19069	8632	3656	144
INDIA TRADE PROMOTION ORGANISATION	18006	24748	26315	145
HINDUSTAN NEWSPRINT LTD.	16719	26072	33794	146
REC POWER DISTRIBUTION CO. LTD.	15251	20194	18268	147
IRCON SHIVPURI GUNA TOLLWAY LTD.	14975	38193	29412	148
BHARAT PETRO RESOURCES LTD.	13055	8970	4750	149
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	12955	9437	4296	150
NBCC SERVICES LTD.	12669	8637	10726	151
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	11967	7883	9248	152
BEL OPTRONICS DEVICES LTD.	11729	13793	12388	153
PROJECTS & DEVELOPMENT INDIA LTD.	11650	6820	4599	154
CHANDIGARH INTERNATIONAL AIRPORT LTD.	10718	9235	0	155
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	10501	8844	8218	156
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	8683	9521	6646	157
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	8666	9530	8442	158
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	8365	3480	12419	159
MUMBAI RAILWAY VIKAS CORPORATION LTD.	8266	4578	6030	160
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	8148	6563	5567	161
INSTRUMENTATION LTD.	7438	7438	7438	162
IRCON INFRASTRUCTURE & SERVICES LTD.	7064	3236	4098	163
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	6809	7125	8750	164
CONCOR AIR LTD.	6654	44987	36852	165
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	6447	5520	4833	166
SCOOTERS INDIA LTD.	6385	5055	10855	167
BHARAT PUMPS & COMPRESSORS LTD.	6225	6871	7527	168
POWER GRID JABALPUR TRANSMISSION LTD.	6105	0	0	169
HOTEL CORPN. OF INDIA LTD.	5975	5507	5049	170
HINDUSTAN ANTIBIOTICS LTD.	5946	3148	1073	171
PFC CONSULTING LTD.	5757	6045	10346	172
POWERGRID KALA AMB TRANSMISSION LTD.	5726	3758	0	173
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	5721	3944	2888	174
HMT (INTERNATIONAL) LTD.	5707	2495	2398	175
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	5466	61523	59182	176
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	5291	5029	3818	177
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	5116	4860	5133	178
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	4991	5603	7766	179
HINDUSTAN FLUOROCARBONS LIMITED	4585	4308	3806	180
TAMIL NADU TRADE PROMOTION ORGANISATION	4413	3686	3718	181
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	4078	3596	3276	182
THE BISRA STONE LIME COMPANY LTD.	3889	4238	3611	183
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	3507	3095	2477	184
RICHARDSON & CRUDDAS(1972) LTD.	3316	3316	3547	185
POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	3302	0	0	186
REC TRANSMISSION PROJECTS CO. LTD.	2870	4173	4153	187

CPSE	Gross Turnover / Revenue			Rank
	2018-19	2017-18	2016-17	2018-19
VIGNYAN INDUSTRIES LTD.	2708	3027	3321	188
POWERGRID UNCHAHAR TRANSMISSION LTD.	2330	1634	408	189
SAMBHAR SALTS LTD.	2128	1913	1875	190
PUNJAB LOGISTIC INFRASTRUCTURE LTD.	2025	1116	0	191
HMT LTD.	1960	1480	1043	192
BHEL ELECTRICAL MACHINES LTD.	1865	1451	3218	193
RAILTEL ENTERPRISES LTD.	1798	329	1671	194
POWERGRID NM TRANSMISSION LTD.	1585	0	1892	195
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1330	1246	1267	196
NEPA LTD.	1188	1025	3034	197
KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	1187	975	879	198
NMDC CSR FOUNDATION	1155	0	0	199
NATIONAL RESEARCH DEVELOPMENT CORPN.	1064	1074	2529	200
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	968	1018	894	201
HINDUSTAN SALTS LTD.	861	795	656	202
HIGH SPEED RAIL CORPORATION OF INDIA LTD.	861	4080	0	203
SIDCUL CONCOR INFRA COMPANY LTD.	851	676	462	204
PRIZE PETROLEUM COMPANY LTD.	762	744	982	205
MILLENNIUM TELECOM LTD.	734	676	482	206
IIFCL PROJECTS LTD.	716	760	678	207
IIFCL ASSET MANAGEMENT COMPANY LTD.	685	731	441	208
BEL-THALES SYSTEMS LTD.	675	314	147	209
TCIL LAKHNADONE TOLL ROAD LTD.	669	483	193	210
PONDICHERRY ASHOK HOTEL CORPN. LTD.	610	525	544	211
IDPL (TAMILNADU) LTD.	541	541	541	212
TCIL BINA TOLL ROAD LTD.	525	547	515	213
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	468	1817	1473	214
NBCC ENGINEERING AND CONSULTANCY LTD.	459	232	492	215
NAINI AEROSPACE LTD.	403	64	0	216
KARNATAKA TRADE PROMOTION ORGANISATION	364	443	366	217
HLL MOTHER & CHILD CARE HOSPITALS LTD.	242	0	0	218
NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.	144	360	3752	219
JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	135	90	51	220
BPCL-KIAL FUEL FARM PVT. LTD.	126	0	0	221
IRCON VADODARA KIM EXPRESSWAY LTD.	101	0	0	222
FRESH & HEALTHY ENTERPRISES LTD.	62	1	47	223
BHARAT BROADBAND NETWORK LTD.	57	35	32	224
HOOGLY PRINTING COMPANY LTD.	52	919	1614	225
LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	43	0	0	226
AGRINNOVATE INDIA LTD.	31	3	13	227
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	8	88	76	228
BRITISH INDIA CORPORATION LTD.	5	5	26	229
HLL BIOTECH LTD.	3	32	11	230
HMT BEARINGS LTD.	3	259	0	231
EASTERN INVESTMENT LTD.	2	45	100	232
VISAKHAPATANAM PORT LOGISTICS PARK LTD.	1	0	0	233

STATEMENT - 14
RANKING OF CPSEs IN TERMS OF EMPLOYMENT IN 2018-19

CPSE	No. of Employees (excluding casual labour)			Rank 2018-19
	2018-19	2017-18	2016-17	
BHARAT SANCHAR NIGAM LTD.	166974	183522	196448	1
STEEL AUTHORITY OF INDIA LTD.	72339	76870	82964	2
EASTERN COALFIELDS LTD.	59698	61796	64029	3
SOUTH EASTERN COALFIELDS LTD.	54816	58143	61209	4
BHARAT COKING COAL LTD.	46019	48747	51147	5
WESTERN COALFIELDS LTD.	43045	45663	47632	6
CENTRAL COALFIELDS LTD.	39222	40777	42156	7
BHARAT HEAVY ELECTRICALS LTD.	35471	37540	39821	8
INDIAN OIL CORPORATION LTD.	33498	33157	33135	9
OIL & NATURAL GAS CORPORATION LTD.	31065	32265	33660	10
HINDUSTAN AERONAUTICS LTD.	28639	29362	29526	11
MAHANADI COALFIELDS LTD.	22352	22430	22036	12
FOOD CORPN. OF INDIA	21847	22370	23642	13
MAHANAGAR TELEPHONE NIGAM LTD.	21704	25191	27919	14
NTPC LTD.	20244	19739	20593	15
RASHTRIYA ISPAT NIGAM LTD.	17574	17617	17838	16
AIRPORTS AUTHORITY OF INDIA	17266	17535	17489	17
ANDREW YULE & COMPANY LTD.	14722	14731	14757	18
NORTHERN COALFIELDS LTD.	14456	15057	15357	19
NLC INDIA LTD.	13110	14446	15030	20
BHARAT PETROLEUM CORPN. LTD.	11971	12019	12484	21
NUCLEAR POWER CORPN. OF INDIA LTD.	11233	11460	11303	22
HINDUSTAN PETROLEUM CORPN. LTD.	10239	10352	10422	23
AIR INDIA LTD.	9989	11827	11827	24
BHARAT ELECTRONICS LTD.	9612	9726	9716	25
POWER GRID CORPORATION OF INDIA LTD.	9255	8900	8887	26
NATIONAL TEXTILE CORPN. LTD.	9023	7662	7748	27
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	8918	9638	10354	28
AIR INDIA AIR TRANSPORT SERVICES LTD.	7242	7242	7242	29
BEML LTD.	7185	7722	8221	30
OIL INDIA LTD.	7097	6955	7228	31
NHPC LTD.	6753	7351	8009	32
NATIONAL ALUMINIUM COMPANY LTD.	6496	6776	6938	33
MOIL LTD.	6048	6080	6201	34
NMDC Ltd.	5887	5382	5572	35
KONKAN RAILWAY CORPORATION LTD.	5369	5253	5162	36
URANIUM CORPORATION OF INDIA LTD.	4730	4710	4773	37
GAIL (INDIA) LTD.	4530	4486	4355	38
AIR INDIA ENGINEERING SERVICES LTD.	4440	4440	4440	39
MAZAGON DOCK SHIPBUILDERS LTD.	4412	4801	5083	40
I T I LTD.	3520	3576	4052	41
NATIONAL FERTILIZERS LTD.	3333	3430	3517	42
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3286	3379	3498	43
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	3112	3337	3527	44
CENTRAL WAREHOUSING CORPN.	3042	3570	3639	45

CPSE	No. of Employees (excluding casual labour)			Rank 2018-19
	2018-19	2017-18	2016-17	
BHARAT DYNAMICS LTD.	3034	3095	3182	46
ENGINEERS INDIA LTD.	2768	2827	2939	47
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	2342	2179	2304	48
HINDUSTAN COPPER LTD.	2195	2508	2843	49
rites LTD.	2178	2216	2326	50
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2100	2214	2401	51
ONGC VIDESH LTD.	2047	2079	2263	52
MANGALORE REFINERY & PETROCHEMICALS LTD.	1943	1916	1917	53
ELECTRONICS CORPN. OF INDIA LTD.	1894	1992	2239	54
THDC INDIA LTD.	1891	1922	1936	55
COAL INDIA LTD.	1870	2044	2570	56
NBCC (INDIA) LTD.	1847	1945	1951	57
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1769	1963	2180	58
COCHIN SHIPYARD LTD.	1766	1782	1829	59
CHENNAI PETROLEUM CORPORATION LTD.	1726	1709	1645	60
SJVN LTD.	1585	1607	1691	61
HLL LIFECARE LTD.	1577	3037	1733	62
IRCON INTERNATIONAL LTD.	1576	1623	1183	63
HEAVY ENGINEERING CORPN. LTD.	1502	1388	1456	64
CONTAINER CORPORATION OF INDIA LTD.	1459	1475	1471	65
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1445	1461	1480	66
NATIONAL SEEDS CORPN. LTD.	1441	1466	1514	67
GOA SHIPYARD LTD.	1382	1413	1390	68
IREL (INDIA) LTD.	1378	1521	1662	69
AIR INDIA EXPRESS LTD.	1348	1241	1055	70
MECON LTD.	1284	1315	1384	71
HMT MACHINE TOOLS LTD.	1246	1426	1651	72
BRITISH INDIA CORPORATION LTD.	1209	1209	1209	73
BRIDGE & ROOF CO.(INDIA) LTD.	1206	1244	1312	74
BALMER LAWRIE & CO. LTD.	1069	1127	1188	75
HINDUSTAN SHIPYARD LTD.	1028	1178	1352	76
MINERAL EXPLORATION CORPN. LTD.	1023	1115	1215	77
WAPCOS LTD.	1023	923	870	78
M M T C LTD.	950	1127	1225	79
HINDUSTAN ANTIBIOTICS LTD.	918	972	997	80
INDIA TOURISM DEV. CORPN. LTD.	910	1023	1232	81
NUMALIGARH REFINERY LTD.	877	860	870	82
KIOCL LTD.	841	888	922	83
HOUSING & URBAN DEV. CORPN. LTD.	827	869	875	84
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	819	838	854	85
NATIONAL SMALL INDUSTRIES CORPN. LTD.	794	814	830	86
MISHRA DHATU NIGAM LTD.	792	849	756	87
DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	791	682	831	88
HIL (INDIA) LTD.	774	895	992	89
FERRO SCRAP NIGAM LTD.	751	801	839	90
THE COTTON CORPN. OF INDIA LTD.	737	788	839	91
HPCL BIOFUELS LTD.	729	736	744	92

CPSE	No. of Employees (excluding casual labour)			Rank 2018-19
	2018-19	2017-18	2016-17	
RAILTEL CORPORATION INDIA LTD.	725	537	553	93
INSTRUMENTATION LTD.	712	712	712	94
SHIPPING CORPORATION OF INDIA LTD.	683	729	775	95
INDIA TRADE PROMOTION ORGANISATION	668	744	792	96
AIRLINE ALLIED SERVICES LTD.	668	602	533	97
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	664	771	857	98
HOTEL CORPN. OF INDIA LTD.	662	740	1067	99
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	658	717	731	100
THE BISRA STONE LIME COMPANY LTD.	656	724	724	101
BRAHAMPUTRA CRACKERS & POLYMER LTD.	622	618	592	102
E. C. G. C. LTD.	606	610	603	103
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	595	610	645	104
MADRAS FERTILIZERS LTD.	593	632	684	105
CEMENT CORPN. OF INDIA LTD.	554	640	668	106
POWER SYSTEM OPERATION CORPORATION LTD.	550	479	456	107
RAIL VIKAS NIGAM LTD.	545	540	502	108
NHDC LTD.	540	546	547	109
POWER FINANCE CORPORATION LTD.	496	498	496	110
REC LTD.	487	528	566	111
BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	472	480	417	112
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	466	450	450	113
ONGC MANGALORE PETROCHEMICALS LTD.	465	474	457	114
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	461	129	129	115
STATE TRADING CORPN. OF INDIA LTD.	441	591	671	116
PAWAN HANS LTD.	414	418	449	117
HINDUSTAN NEWSPRINT LTD.	406	450	495	118
NEPA LTD.	370	705	588	119
CENTRAL ELECTRONICS LTD.	366	419	454	120
M S T C LTD.	357	325	309	121
PROJECTS & DEVELOPMENT INDIA LTD.	329	352	370	122
ENGINEERING PROJECTS (INDIA) LTD.	327	359	369	123
HINDUSTAN ORGANIC CHEMICALS LTD.	295	470	868	124
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	295	266	300	125
MUMBAI RAILWAY VIKAS CORPORATION LTD.	292	288	234	126
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	255	267	277	127
BHARTIYA RAIL BIJLEE CO. LTD.	248	222	173	128
BRAITHWAITE & CO. LTD.	241	259	280	129
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	239	242	239	130
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	237	350	483	131
NABINAGAR POWER GENERATING COMPANY LTD.	223	0	0	132
KANTI BIJLEE UTPADAN NIGAM LTD.	223	230	192	133
NLC TAMIL NADU POWER LTD.	219	246	233	134
BHARAT PUMPS & COMPRESSORS LTD.	218	296	391	135
THE JUTE CORPN. OF INDIA LTD.	210	278	362	136
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	195	248	320	137
HINDUSTAN PREFAB LTD.	193	223	247	138
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	191	202	208	139

CPSE	No. of Employees (excluding casual labour)			Rank 2018-19
	2018-19	2017-18	2016-17	
NAGALAND PULP & PAPER COMPANY LTD.	181	181	181	140
HSCC (INDIA) LTD.	177	184	176	141
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	176	185	186	142
HLL BIOTECH LTD.	168	202	157	143
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	165	150	152	144
BHEL ELECTRICAL MACHINES LTD.	156	168	174	145
HLL INFRA TECH SERVICES LTD.	152	157	142	146
SAIL REFRACTORY COMPANY LTD.	147	184	204	147
NAINI AEROSPACE LTD.	145	136	125	148
BEL OPTRONICS DEVICES LTD.	137	137	127	149
NEYVELI UTTAR PRADESH POWER LTD	136	71	45	150
BHARAT BROADBAND NETWORK LTD.	128	128	118	151
PATRATU VIDYUT UTPADAN NIGAM LTD.	125	86	84	152
SCOOTERS INDIA LTD.	121	177	260	153
EdCIL(India) Ltd.	115	111	96	154
IDPL (TAMILNADU) LTD.	112	112	112	155
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	112	113	112	156
KAMARAJAR PORT LTD.	108	98	103	157
HMT LTD.	101	101	268	158
HINDUSTAN FLUOROCARBONS LIMITED	100	140	155	159
HINDUSTAN SALTS LTD.	93	76	72	160
VIGNYAN INDUSTRIES LTD.	92	95	86	161
SAMBHAR SALTS LTD.	87	110	110	162
INDIA INFRASTRUCTURE FINANCE CO. LTD.	85	86	93	163
P E C LTD.	82	110	130	164
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	82	95	105	165
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	79	78	76	166
IRCON INFRASTRUCTURE & SERVICES LTD.	78	56	12	167
NATIONAL FILM DEV. CORPN. LTD.	75	81	92	168
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	72	72	0	169
SOLAR ENERGY CORPORATION OF INDIA	70	70	71	170
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	70	69	71	171
ANTRIX CORPORATION LTD.	69	75	80	172
BROADCAST ENGG. CONSULTANTS INDIA LTD.	68	66	59	173
SJVN THERMAL PVT. LTD.	66	66	71	174
NATIONAL RESEARCH DEVELOPMENT CORPN.	59	62	70	175
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	54	58	49	176
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	51	52	54	177
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	50	45	46	178
REC POWER DISTRIBUTION CO. LTD.	49	40	31	179
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	48	56	64	180
HOOGHLY DOCK AND PORT ENGINEERS LTD.	43	45	45	181
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	42	44	46	182
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	42	43	39	183
HOOGHLY PRINTING COMPANY LTD.	41	43	49	184

CPSE	No. of Employees (excluding casual labour)			Rank 2018-19
	2018-19	2017-18	2016-17	
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	36	36	36	185
NTPC VIDYUT VYAPAR NIGAM LTD.	34	39	43	186
BHARAT GAS RESOURCES LTD,	34	0	0	187
TCIL BINA TOLL ROAD LTD.	33	30	32	188
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	32	32	37	189
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	30	30	33	190
CHANDIGARH INTERNATIONAL AIRPORT LTD.	28	2	0	191
NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.	26	26	50	192
HMT (INTERNATIONAL) LTD.	25	27	28	193
NBCC ENGINEERING AND CONSULTANCY LTD.	25	21	24	194
INDIAN RAILWAY FINANCE CORPORATION LTD.	24	24	18	195
HINDUSTAN STEELWORKS COSTN. LTD.	22	25	37	196
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	22	23	23	197
RAILTEL ENTERPRISES LTD.	17	0	2	198
JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	17	16	16	199
IIFCL PROJECTS LTD.	15	16	15	200
PONDICHERRY ASHOK HOTEL CORPN. LTD.	15	15	16	201
PRIZE PETROLEUM COMPANY LTD.	15	18	20	202
BEL-THALES SYSTEMS LTD.	15	13	12	203
LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	14	21	33	204
CHHATTISGARH EAST-WEST RAILWAYS LTD.	12	10	10	205
CHHATTISGARH EAST RAILWAYS LTD.	12	10	10	206
STCL LTD.	11	11	13	207
RICHARDSON & CRUDDAS(1972) LTD.	11	11	11	208
AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	11	0	0	209
IRCON PB TOLLWAY LTD.	9	0	0	210
VISAKHAPATANAM PORT LOGISTICS PARK LTD.	8	0	0	211
SETHUSAMUDRAM CORPN. LTD.	8	8	0	212
KOLKATA METRO RAIL CORPORATION LTD.	8	25	9	213
HLL MEDIPARK LTD	7	5	2	214
IRCON SHIVPURI GUNA TOLLWAY LTD.	7	0	0	215
BHARAT PETRO RESOURCES LTD.	7	2	2	216
BUNDELKHAND SAUR URJA LTD.	6	8	11	217
IIFCL ASSET MANAGEMENT COMPANY LTD.	6	6	6	218
TAMIL NADU TRADE PROMOTION ORGANISATION	6	5	6	219
MJSJ COAL LTD.	5	2	3	220
MAHANADI COAL RAILWAY LTD.	5	0	0	221
MAHANADI BASIN POWER LTD.	4	4	8	222
MNH SHAKTI LTD.	4	1	2	223
J & K MINERAL DEVELOPMENT CORPN. LTD.	4	5	6	224
FRESH & HEALTHY ENTERPRISES LTD.	4	4	23	225
THE FERTILIZER CORPN. OF INDIA LTD.	4	4	6	226
EASTERN INVESTMENT LTD.	3	2	2	227
KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	3	3	3	228
BPCL-KIAL FUEL FARM PVT. LTD.	3	0	0	229
INDIAN VACCINE CORP. LTD.	3	1	2	230
IRCON VADODARA KIM EXPRESSWAY LTD.	2	0	0	231

CPSE	No. of Employees (excluding casual labour)			Rank 2018-19
	2018-19	2017-18	2016-17	
AGRINNOVATE INDIA LTD.	2	2	2	232
NMDC-CMDC LTD.	2	2	2	233
SAGARMALA DEVELOPMENT COMPANY LTD.	2	0	0	234
KARNATAKA TRADE PROMOTION ORGANISATION	1	1	1	235
HINDUSTAN FERTILIZER CORPN. LTD.	1	1	4	236
IRCON DAVANAGERE HAVERI HIGHWAY LTD.	1	0	0	237

STATEMENT - 15
RANKING OF CPSEs IN TERMS OF GROSS BLOCK IN 2018-19

(₹ in Lakhs)

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
	2018-19		2017-18			2016-17	2018-19
BHARAT SANCHAR NIGAM LTD.	25527432	10682982	25105645	10628592	24730884	10770700	1
NTPC LTD.	24460589	12562062	21888154	11975917	19248691	9935572	2
POWER GRID CORPORATION OF INDIA LTD.	23137077	16385998	20740737	15361035	18561431	13550796	3
OIL & NATURAL GAS CORPORATION LTD.	21654725	12441912	19612245	11962841	14371436	10480705	4
INDIAN OIL CORPORATION LTD.	16747780	11870783	14603490	11392732	12944650	10787949	5
STEEL AUTHORITY OF INDIA LTD.	11746819	6135812	11391342	5861072	10783970	5028461	6
ONGC VIDESH LTD.	11526656	5999927	10868362	6085526	10637802	6215867	7
NUCLEAR POWER CORPN. OF INDIA LTD.	7383871	3075395	6229547	3116553	5455467	3186566	8
BHARAT PETROLEUM CORPN. LTD.	6285777	4648788	5359336	4302811	4676013	3143691	9
HINDUSTAN PETROLEUM CORPN. LTD.	6108491	4097931	4967646	3797171	4297513	3613188	10
GAIL (INDIA) LTD.	4616261	3108609	3838968	2878978	3465180	2850618	11
NHPC LTD.	4450255	2384735	4300434	2001349	4109731	2097272	12
RASHTRIYA ISPAT NIGAM LTD.	3424646	1901635	3233437	1678264	3070442	1292809	13
AIR INDIA LTD.	3018077	2554793	2961155	2650574	3000423	2822976	14
MAHANAGAR TELEPHONE NIGAM LTD.	2838674	733568	2812424	801442	2474384	858501	15
AIRPORTS AUTHORITY OF INDIA	2822202	794721	2498940	775790	2388109	767977	16
DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	2542845	1773	1479529	1397	889674	1527	17
NLC INDIA LTD.	2338118	1168443	1974406	1057411	1597550	962504	18
OIL INDIA LTD.	1840570	1212795	1637803	1195989	1444170	1013083	19
MANGALORE REFINERY & PETROCHEMICALS LTD.	1773577	1398876	1674262	1403091	1576888	1416098	20
NMDC Ltd.	1747383	272069	1588843	267170	1423762	195281	21
THDC INDIA LTD.	1735757	683115	1661326	732801	1551050	780687	22
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1715216	626406	1627214	347514	1476922	353589	23
SHIPPING CORPORATION OF INDIA LTD.	1560255	1111909	1599398	1134800	1597294	1141068	24
NABINAGAR POWER GENERATING COMPANY LTD.	1422470	119645	0	0	0	0	25
HINDUSTAN AERONAUTICS LTD.	1291039	753495	1156560	756603	1031305	734952	26
SOUTH EASTERN COALFIELDS LTD.	1093070	722851	981632	650398	786280	528893	27
SJVN LTD.	1056638	768475	1000983	764070	978264	797990	28
NATIONAL ALUMINIUM COMPANY LTD.	999813	728578	941739	713946	861487	714443	29
CHENNAI PETROLEUM CORPORATION LTD.	956886	697731	826628	591353	722552	388283	30
MAHANADI COALFIELDLS LTD.	944537	643384	793271	453424	660351	394569	31
BRAHAMPUTRA CRACKERS & POLYMER LTD.	872998	751775	864797	782715	858904	816128	32
BHARTIYA RAIL BIJLEE CO. LTD.	831809	634919	761095	380009	689456	250499	33
NORTHERN COALFIELDS LTD.	715453	470790	585717	337741	529071	296669	34
NLC TAMIL NADU POWER LTD.	709683	570551	703507	595808	687559	620448	35
ONGC MANGALORE PETROCHEMICALS LTD.	683645	562934	671965	580152	668977	608096	36
CENTRAL COALFIELDS LTD.	673275	290726	544059	268392	457541	266715	37
WESTERN COALFIELDS LTD.	664462	418502	605501	381186	501803	355113	38
BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	652182	19076	602461	20470	569110	21554	39
CONTAINER CORPORATION OF INDIA LTD.	632848	419469	540425	364839	457472	336982	40
BHARAT HEAVY ELECTRICALS LTD.	623159	296699	582890	306884	554082	359588	41
KONKAN RAILWAY CORPORATION LTD.	530966	314020	480857	309753	452707	304357	42
NEYVELI UTTAR PRADESH POWER LTD	525800	26805	148006	23313	22127	16727	43

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
		2018-19		2017-18		2016-17	2018-19
KOLKATA METRO RAIL CORPORATION LTD.	525270	4571	396714	5699	239719	4645	44
EASTERN COALFIELDS LTD.	524974	359237	448644	323270	357538	273974	45
NATIONAL FERTILIZERS LTD.	524901	399345	499075	407953	465333	405853	46
KANTI BIJLEE UTPADAN NIGAM LTD.	480332	383555	463615	386965	446975	266925	47
BHARAT COKING COAL LTD.	455503	143387	412008	135682	314681	151696	48
NUMALIGARH REFINERY LTD.	385945	271698	345376	245013	304636	211955	49
BHARAT ELECTRONICS LTD.	373442	208430	305250	160698	227316	125519	50
AIR INDIA EXPRESS LTD.	364467	287741	339301	295359	329432	303972	51
POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	340960	87280	245596	2149	49595	919	52
KAMARAJAR PORT LTD.	304916	266879	289818	230174	264848	167328	53
URANIUM CORPORATION OF INDIA LTD.	296210	193696	283184	210597	277926	231211	54
I T I LTD.	287134	262696	277614	258408	259825	247868	55
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	279885	194370	248121	190490	192902	153873	56
FOOD CORPN. OF INDIA	258645	94629	234690	88402	219458	83842	57
POWER GRID WARORA TRANSMISSION LTD.	219220	209119	200331	26942	77952	3335	58
CENTRAL WAREHOUSING CORPN.	217193	146381	202327	139083	186391	136112	59
RAILTEL CORPORATION INDIA LTD.	215609	78987	200731	68799	189071	69390	60
NHDC LTD.	187111	111802	200359	117606	152036	124880	61
POWER GRID PARLI TRANSMISSION LTD.	181616	173373	166272	414	51042	414	62
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	177862	132765	167713	128870	157211	131682	63
GAIL GAS LTD.	160470	98530	122818	72523	88331	53385	64
POWER GRID JABALPUR TRANSMISSION LTD.	148338	145611	116826	4	22803	1	65
POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	146709	7195	18486	1372	1920	0	66
BHARAT BROADBAND NETWORK LTD.	146256	3	224878	2	181349	1	67
CHHATTISGARH EAST RAILWAYS LTD.	144979	431	103231	90	74095	149	68
HINDUSTAN COPPER LTD.	143903	31649	105231	33199	66152	35425	69
PATRATU VIDYUT UTPADAN NIGAM LTD.	141894	81929	107739	81642	13201	154	70
POWERGRID NM TRANSMISSION LTD.	134775	123413	120433	74555	109233	78687	71
INDIA TRADE PROMOTION ORGANISATION	134261	1943	31190	2117	4764	3781	72
POWERGRID VIZAG TRANSMISSION LTD.	131097	113177	131120	120121	132356	127112	73
BHARAT DYNAMICS LTD.	126664	95696	117847	86837	100554	75713	74
MOIL LTD.	124894	43036	104896	34777	85071	32619	75
GOA SHIPYARD LTD.	116951	61968	105999	64429	94144	65651	76
NATIONAL TEXTILE CORPN. LTD.	114744	75067	113100	79075	117833	87049	77
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	113679	27733	113389	31052	114209	33243	78
HPCL RAJASTHAN REFINERY LTD.	112922	21216	28307	19838	2834	0	79
PAWAN HANS LTD.	107183	75694	105689	80589	102546	86563	80
MAZAGON DOCK SHIPBUILDERS LTD.	100789	75396	84873	64637	71591	54625	81
CHANDIGARH INTERNATIONAL AIRPORT LTD.	96263	84202	94604	86687	0	0	82
INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	95233	4	0	0	0	0	83
BEML LTD.	88428	61987	82400	58286	76236	57086	84
COCHIN SHIPYARD LTD.	85202	37464	56859	34899	49435	37061	85
CEMENT CORPN. OF INDIA LTD.	78527	12697	77833	10418	79158	11449	86
IREL (INDIA) LTD.	73905	27408	71261	23835	67410	22534	87

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
		2018-19		2017-18		2016-17	2018-19
IRCON SHIVPURI GUNA TOLLWAY LTD.	72687	69248	68254	1	30069	1	88
SETHUSAMUDRAM CORPN. LTD.	70862	4	70862	4	71034	4	89
MISHRA DHATU NIGAM LTD.	67445	42495	46075	34444	36532	32737	90
KARNATAKA VIJAY NAGAR STEEL LTD.	64178	64167	63961	63961	0	0	91
STATE TRADING CORPN. OF INDIA LTD.	62649	59362	62637	60202	62931	61722	92
BALMER LAWRIE & CO. LTD.	61914	40059	48993	40007	46681	40275	93
HPCL BIOFUELS LTD.	58239	47277	58779	50163	58335	52841	94
CHHATTISGARH EAST-WEST RAILWAYS LTD.	56452	85	50979	88	27270	131	95
BHARAT PETRO RESOURCES LTD.	55608	11102	43073	6249	34793	7209	96
COAL INDIA LTD.	55588	30075	48740	31688	36886	30644	97
HLL BIOTECH LTD.	55336	28344	50927	29248	40897	231	98
SJVN THERMAL PVT. LTD.	53919	36914	49615	36917	47003	36844	99
IRCON PB TOLLWAY LTD.	52567	51802	27759	0	22379	1	100
HINDUSTAN NEWSPRINT LTD.	51922	17650	56695	23258	57584	23973	101
HLL LIFECARE LTD.	50294	32467	49312	35785	43590	25461	102
rites LTD.	46853	33887	35842	26268	32953	26084	103
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	43378	30225	48836	38917	43582	35834	104
AIR INDIA ENGINEERING SERVICES LTD.	42419	33942	42303	35736	41128	36895	105
BEL OPTRONICS DEVICES LTD.	41059	20912	38791	22704	36824	24501	106
REC LTD.	40897	16249	29885	12834	21978	12111	107
HEAVY ENGINEERING CORPN. LTD.	40823	6133	39947	6656	39167	7088	108
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	39673	15460	34428	16221	35445	17040	109
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	37465	29595	35210	29462	34636	29671	110
ORISSA INTEGRATED POWER LTD.	37156	2	33512	3	29094	4	111
HINDUSTAN ORGANIC CHEMICALS LTD.	36745	11872	35013	10243	201629	163655	112
HINDUSTAN SHIPYARD LTD.	36571	12718	35654	13079	22580	5412	113
ENGINEERS INDIA LTD.	35820	21821	34557	22632	33292	23284	114
NATIONAL SEEDS CORPN. LTD.	34851	19061	32988	19377	30839	18650	115
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	34754	30291	33829	31390	35722	31750	116
E. C. G. C. LTD.	33331	12073	29279	11815	29257	11770	117
RAIL VIKAS NIGAM LTD.	33251	27923	30623	24887	5229	758	118
HMT MACHINE TOOLS LTD.	33178	3757	32984	4324	34825	5102	119
NATIONAL SMALL INDUSTRIES CORPN. LTD.	33027	17693	29686	10848	25727	7746	120
AIR INDIA AIR TRANSPORT SERVICES LTD.	32263	25417	30763	26653	36658	17625	121
POWERGRID KALA AMB TRANSMISSION LTD.	31907	29101	31593	30426	21152	300	122
ELECTRONICS CORPN. OF INDIA LTD.	30703	17140	25320	15508	20490	12345	123
INDIA INFRASTRUCTURE FINANCE CO. LTD.	30054	26960	20539	281	15530	202	124
NEPA LTD.	29945	1723	27477	1832	25455	2013	125
KIOCL LTD.	29799	20048	26170	20222	27036	22105	126
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	29690	12472	21213	9435	15625	7732	127
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	29378	27922	29377	28129	29373	28336	128
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	26625	18039	24578	14723	21262	13392	129
PUNJAB LOGISTIC INFRASTRUCTURE LTD.	26125	23982	25359	22300	23641	12687	130
ANDREW YULE & COMPANY LTD.	25156	8738	21682	8227	18790	7821	131

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
		2018-19		2017-18		2016-17	2018-19
IRCON INTERNATIONAL LTD.	25075	12909	47996	13441	52091	13829	132
MADRAS FERTILIZERS LTD.	24110	14640	22886	16040	22480	18194	133
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	23482	14571	21834	15365	21237	16357	134
HINDUSTAN ANTIBIOTICS LTD.	22671	4365	22628	4724	22564	5080	135
COASTAL TAMIL NADU POWER LTD.	21943	8359	19913	8359	18172	8360	136
NMDC-CMDC LTD.	21331	20835	17733	17615	7358	1	137
POWER SYSTEM OPERATION CORPORATION LTD.	20200	8804	18353	9164	17151	9684	138
HIL (INDIA) LTD.	19704	5727	18376	4664	17165	4301	139
HOUSING & URBAN DEV. CORPN. LTD.	19645	5036	15587	4802	20402	7209	140
POWER GRID MITHILANCHAL TRANSMISSION LTD.	19478	3943	2567	0	0	0	141
POWER GRID VARANASI TRANSMISSION LTD.	18842	0	1525	0	0	0	142
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	18774	9783	18765	10287	18613	10252	143
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	18363	6984	19719	8574	20520	10120	144
MECON LTD.	17684	7117	17369	7613	17057	8171	145
VISAKHAPATANAM PORT LOGISTICS PARK LTD.	17072	16651	13522	895	0	0	146
JHARKHAND CENTRAL RAILWAY LTD.	16385	0	18429	0	0	0	147
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	15960	13829	15336	13826	15330	14435	148
AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	15649	12841	13393	11785	0	0	149
LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	14205	101	13420	109	11840	107	150
HMT LTD.	13058	1355	13025	1437	13030	1645	151
MINERAL EXPLORATION CORPN. LTD.	12799	6835	11038	7183	7625	5248	152
NAGALAND PULP & PAPER COMPANY LTD.	12295	382	12295	382	12295	382	153
TCIL BINA TOLL ROAD LTD.	12072	11059	12072	11299	12071	11519	154
FERRO SCRAP NIGAM LTD.	11754	7001	10020	6476	8330	6073	155
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	11137	2941	15984	4389	15994	5671	156
HINDUSTAN FLUOROCARBONS LIMITED	11130	5029	11121	5170	11089	5283	157
IRCON INFRASTRUCTURE & SERVICES LTD.	10949	9331	11259	9645	11225	10045	158
HINDUSTAN STEELWORKS COSTN. LTD.	10547	10029	6403	5896	6116	5846	159
BHARAT PUMPS & COMPRESSORS LTD.	10522	3399	10507	3826	10493	4237	160
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	10486	4094	7395	2387	4611	2124	161
SIDCUL CONCOR INFRA COMPANY LTD.	9292	7330	9216	7968	8844	8290	162
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	9291	7353	8593	7528	8957	5062	163
TCIL LAKHNADONE TOLL ROAD LTD.	9163	8845	9161	8990	8855	8136	164
INSTRUMENTATION LTD.	8899	2012	8899	2012	8899	2012	165
BRIDGE & ROOF CO.(INDIA) LTD.	8626	5989	6122	4852	4417	4003	166
CENTRAL ELECTRONICS LTD.	8575	3495	8253	3072	7622	3330	167
HSCC (INDIA) LTD.	8323	7496	1471	688	1397	700	168
POWER FINANCE CORPORATION LTD.	8297	2833	8062	2697	11546	6257	169
NBCC (INDIA) LTD.	8119	7200	6938	6184	6832	6328	170
MJSJ COAL LTD.	7919	3739	7830	3827	7551	3915	171
SCOOTERS INDIA LTD.	7653	1769	7581	1884	6212	1100	172
SOLAR ENERGY CORPORATION OF INDIA	7443	5910	7181	6271	6264	5860	173
POWERGRID UNCHAHAR TRANSMISSION LTD.	7293	6331	7292	6715	7263	7072	174
FRESH & HEALTHY ENTERPRISES LTD.	6881	2834	7757	3487	5137	4090	175

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
		2018-19		2017-18		2016-17	2018-19
BRAITHWAITE & CO. LTD.	6867	1965	6784	2057	6893	2045	176
INDIA TOURISM DEV. CORPN. LTD.	6792	4721	6420	4938	6737	4905	177
M M T C LTD.	6745	4476	6520	4814	6448	5236	178
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	6101	4003	6115	4000	5664	3658	179
TAMIL NADU TRADE PROMOTION ORGANISATION	6057	3869	4849	3825	4863	4158	180
IDPL (TAMILNADU) LTD.	5970	5949	5970	5949	5970	5949	181
MUMBAI RAILWAY VIKAS CORPORATION LTD.	5735	3722	5585	3906	5535	4089	182
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	5409	3145	5312	3468	5306	3787	183
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	5055	1788	4531	1951	4317	2068	184
THE FERTILIZER CORPN. OF INDIA LTD.	5041	1668	5977	2515	61304	5742	185
PROJECTS & DEVELOPMENT INDIA LTD.	4859	1625	6955	1499	6891	1629	186
SAMBHAR SALTS LTD.	4786	1251	3700	1293	3576	1470	187
EdCIL(India) Ltd.	4771	4062	1110	483	1080	497	188
CONCOR AIR LTD.	4503	2790	4504	3328	4365	3739	189
BRITISH INDIA CORPORATION LTD.	4475	306	4475	306	4473	479	190
HOTEL CORPN. OF INDIA LTD.	4361	2280	4320	3758	3218	2984	191
MAHANADI COAL RAILWAY LTD.	3759	27	3362	9	0	0	192
WAPCOS LTD.	3444	2081	2830	1979	2240	1837	193
HINDUSTAN FERTILIZER CORPN. LTD.	3307	441	17995	1107	34698	1954	194
KARNATAKA TRADE PROMOTION ORGANISATION	3167	2332	2962	2420	3114	2674	195
M S T C LTD.	3032	563	1449	399	776	500	196
J & K MINERAL DEVELOPMENT CORPN. LTD.	2879	234	2848	241	2740	283	197
BROADCAST ENGG. CONSULTANTS INDIA LTD.	2805	1185	2718	1298	2476	1257	198
THE COTTON CORPN. OF INDIA LTD.	2730	1978	2186	1775	2125	1903	199
SAIL REFRACTORY COMPANY LTD.	2703	1529	2487	1386	2476	1480	200
ENGINEERING PROJECTS (INDIA) LTD.	2662	829	2618	960	2539	994	201
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2597	1079	2508	1084	2454	1147	202
HINDUSTAN CABLES LTD.	2596	712	5321	959	45742	2817	203
MNH SHAKTI LTD.	2387	2060	2630	2139	2815	2218	204
BHARAT WAGON & ENGG. CO. LTD.	2329	320	2330	373	2329	440	205
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	2259	597	2143	571	1975	531	206
NBCC SERVICES LTD.	1987	1965	7	5	5	4	207
DEOGHAR MEGA POWER LTD.	1981	0	1476	1	1067	0	208
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1971	1395	1939	1452	1857	1452	209
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1858	911	1735	843	1687	835	210
ANTRIX CORPORATION LTD.	1846	1321	1762	1388	1689	1451	211
HINDUSTAN SALTS LTD.	1814	651	1717	716	1584	513	212
MAHANADI BASIN POWER LTD.	1777	5	1511	7	1927	1927	213
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	1761	1534	1757	1635	1689	1556	214
NATIONAL FILM DEV. CORPN. LTD.	1745	513	1687	571	1641	690	215
BPCL-KIAL FUEL FARM PVT. LTD.	1671	1648	1187	0	180	2	216
JAGDISHPUR PAPER MILLS LTD.	1650	0	1650	0	1650	0	217
PRIZE PETROLEUM COMPANY LTD.	1596	870	1734	884	1734	1564	218

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
		2018-19		2017-18		2016-17	2018-19
BEL-THALES SYSTEMS LTD.	1511	406	1274	494	372	75	219
BIHAR MEGA POWER LTD.	1271	0	810	0	476	0	220
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1218	524	1175	512	1049	415	221
INDIAN RAILWAY FINANCE CORPORATION LTD.	1200	1127	1161	1129	1748	1152	222
BHEL ELECTRICAL MACHINES LTD.	1096	345	1096	437	1096	531	223
INDIAN VACCINE CORP. LTD.	1087	519	1087	551	1087	587	224
COASTAL MAHARASHTRA MEGA POWER LTD.	1064	0	970	0	802	0	225
VIGNYAN INDUSTRIES LTD.	1003	634	950	696	909	765	226
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	977	478	1010	506	1006	535	227
AIRLINE ALLIED SERVICES LTD.	974	974	774	774	496	423	228
BUNDELKHAND SAUR URJA LTD.	959	576	888	577	189	5	229
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	946	467	932	485	913	503	230
NAINI AEROSPACE LTD.	910	502	424	15	7	0	231
HOOGHLY DOCK AND PORT ENGINEERS LTD.	864	125	767	115	1999	209	232
BHARAT GAS RESOURCES LTD,	843	0	0	0	0	0	233
HMT (INTERNATIONAL) LTD.	840	472	839	485	839	500	234
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	811	323	597	259	365031	326	235
RICHARDSON & CRUDDAS(1972) LTD.	787	787	787	787	2868	665	236
THE BISRA STONE LIME COMPANY LTD.	767	92	619	114	632	136	237
SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	756	0	694	0	575	0	238
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	743	331	712	328	658	301	239
KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	681	90	92	92	93	93	240
GHOARPALLI INTEGRATED POWER COMPANY LTD.	649	0	595	0	543	0	241
INDO CAT PRIVATE LTD.	647	612	647	612	647	612	242
HOOGHLY PRINTING COMPANY LTD.	637	213	637	226	633	230	243
COASTAL KARNATAKA POWER LTD.	637	0	568	0	440	0	244
POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	630	0	0	0	0	0	245
REC POWER DISTRIBUTION CO. LTD.	619	241	587	305	496	327	246
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	619	470	616	495	616	536	247
P E C LTD.	607	13	622	21	617	41	248
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	556	534	560	541	88	66	249
PFC CONSULTING LTD.	528	212	541	269	511	349	250
HOOGLY COCHIN SHIPYARD LTD.	490	139	602	0	0	0	251
NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.	440	136	415	129	979	174	252
THE JUTE CORPN. OF INDIA LTD.	433	252	400	234	392	235	253
PONDICHERRY ASHOK HOTEL CORPN. LTD.	416	162	408	170	193	175	254
STCL LTD.	385	280	458	312	459	381	255
NATIONAL BACKWARD CLASSES FINANCE & DEVP. CO.	365	92	334	82	311	71	256
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	332	85	321	102	318	140	257
PUNJAB ASHOK HOTEL COMPANY LTD.	307	0	304	0	292	0	258

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
		2018-19		2017-18		2016-17	2018-19
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	304	124	285	116	271	122	259
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	293	226	272	217	260	222	260
UTKAL ASHOK HOTEL CORPN. LTD.	289	88	95	90	289	92	261
HINDUSTAN PREFAB LTD.	256	256	595	309	824	269	262
NATIONAL RESEARCH DEVELOPMENT CORPN.	253	53	243	51	234	50	263
SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	208	0	0	0	0	0	264
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	170	52	125	45	112	37	265
VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	167	0	0	0	0	0	266
AGRINNOVATE INDIA LTD.	118	30	118	40	114	50	267
HLL INFRA TECH SERVICES LTD.	99	48	64	32	35	26	268
REC TRANSMISSION PROJECTS CO. LTD.	68	28	62	37	28	16	269
JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	63	12	61	14	62	20	270
NTPC VIDYUT VYAPAR NIGAM LTD.	58	25	57	10	34	14	271
MILLENNIUM TELECOM LTD.	38	1	0	0	0	0	272
BIJAWAR-VIDARBHA TRANSMISSION LTD	37	0	0	0	0	0	273
DEOGHAR INFRA LTD.	30	0	25	0	15	0	274
ODISHA INFRAPOWER LTD.	29	0	24	0	20	0	275
IIFCL PROJECTS LTD.	27	3	27	5	30	8	276
SAGARMALA DEVELOPMENT COMPANY LTD.	24	18	0	0	0	0	277
HLL MEDIPARK LTD	18	1	10	3	1	1	278
CHANDIL TRANSMISSION LTD.	15	0	0	0	0	0	279
KODERMA TRANSMISSION LTD.	15	0	0	0	0	0	280
DUMKA TRANSMISSION LTD.	15	0	0	0	0	0	281
MANDAR TRANSMISSION LTD.	15	0	0	0	0	0	282
IIFCL ASSET MANAGEMENT COMPANY LTD.	12	2	12	2	11	2	283
HMT WATCHES LTD.	9	5	9	5	9	5	284
CHEYUR INFRA LTD.	9	0	7	0	4	0	285
RAILTEL ENTERPRISES LTD.	7	7	1	1	0	0	286
JHARKHAND INFRAPOWER LTD.	7	0	4	0	1	0	287
BIHAR INFRAPOWER LTD.	5	0	4	0	2	0	288
NBCC ENGINEERING AND CONSULTANCY LTD.	5	2	5	3	1	1	289
EASTERN INVESTMENT LTD.	5	5	9	5	10	5	290
INDO RUSSIAN HELICOPTERS LTD.	4	3	0	0	0	0	291
BHIND GUNA TRANSMISSION LTD.	4	0	0	0	0	0	292
UDUPI KASARGODE TRANSMISSION LTD.	3	0	0	0	0	0	293
IRCON VADODARA KIM EXPRESSWAY LTD.	1	1	0	0	0	0	294
ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV. CORP.LTD	0	0	1788	286	1788	286	295
DINGCHANG TRANSMISSION LTD.	0	0	58	0	88	0	296
BURN STANDARD COMPANY LTD.	0	0	54311	46901	54311	46901	297
TANDA TRANSMISSION COMPANY LTD.	0	0	0	0	158	0	298
CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	122	8	122	8	299
HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	71489	4204	71578	4293	300

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
		2018-19		2017-18		2016-17	2018-19
NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	5544	1056	5543	1121	301
BIRDS JUTE & EXPORTS LTD.	0	0	269	11	269	13	302
CHHATTISHGARH SURGUJA POWER LTD.	0	0	0	0	6	1	303
ORISSA DRUGS & CHEMICALS LTD.	0	0	607	383	607	383	304
RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	2292	1387	2292	1387	305
INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	16838	1087	16572	1167	306
HINDUSTAN PAPER CORPORATION LTD.	0	0	97614	17070	97614	17070	307

STATEMENT - 16
CAPACITY UTILISATION IN MANUFACTURING CPSEs

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
COAL					
BHARAT COKING COAL LTD.					
1	Raw Coal	47.04	MT	31.039 (65.99)	32.607 (70.81)
2	Washed Coal (Coking)	4.03	MT	0.634 (15.74)	0.801 (15.08)
3	Washed Power Coal	NA	MT	0.766 (0)	0.634 (0)
CENTRAL COALFIELDS LTD.					
4	Coal & OB	179.43	Mcum	144.261 (80.40)	136.008 (78.20)
COAL INDIA LTD.					
5	Coal	802282.03	metric tonne	783990 (97.72)	781330 (97.72)
EASTERN COALFIELDS LTD.					
6	Coal	52.94	Mill Te	50.16 (94.74)	43.57 (76.76)
MAHANADI COALFIELDLS LTD.					
7	coal	1651.21	LAKHS TONNES	1441.51 (87.30)	1430.60 (81.90)
NORTHERN COALFIELDS LTD.					
8	COAL	90.69	Million Tonne	101.57 (112)	96.77 (98.43)
SOUTH EASTERN COALFIELDS LTD.					
9	COAL	167.39	MILLION TONNES	157.35 (94)	144.71 (88)
WESTERN COALFIELDS LTD.					
10	COAL	64.28	Million Tonnes	53.180 (82.73)	46.220 (79.71)
CRUDE OIL					
BHARAT PETRO RESOURCES LTD.					
11	Crude Oil and Natural Gas	NA	Million Metric Tonnes of Oil Equivalent	37523 (0)	37523 (0)
OIL & NATURAL GAS CORPORATION LTD.					
12	Crude Oil	NA	MT	242 (0)	254 (0)
13	Natural Gas	NA	SCM	258110 (0)	246100 (0)
OIL INDIA LTD.					
14	Crude oil	3.66	MMT	3.307 (90.33)	3.393 (92.68)
15	Natural Gas	3019.92	MMSCM	2865 (94.87)	2905 (99.04)

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
	ONGC VIDESH LTD.				
16	Crude Oil and Condensate	NA	MMt	10.097 (0)	9.353 (0)
17	Natural Gas	NA	BCM	4.736 (0)	4.811 (0)
	PRIZE PETROLEUM COMPANY LTD.				
18	Service	NA	BOE	460806 (0)	493021 (0)
	OTHER MINERALS & METALS FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.				
19	GYPSUM	1224997.03	MT	411844 (33.62)	326661 (26.67)
	HINDUSTAN COPPER LTD.				
20	Copper Cathode	67562.5	MT	16215 (24)	25949 (38)
21	Copper Wire Rod	60286.96	MT	13866 (23)	22185 (37)
	IREL (INDIA) LTD.				
22	Ilmenite	511703.85	tons	266086 (52)	240354 (47)
23	Rutile	24544.44	tons	11045 (45)	9746 (40)
24	Zircon	33072.22	tons	11906 (36)	10011 (30)
	J & K MINERAL DEVELOPMENT CORPN. LTD.				
25	Dead Burnt Magnesite	NA	T	0 (0)	0 (0)
	KIOCL LTD.				
26	Iron Ore Pellets	3.5	Million Tons	2.238 (64)	2.327 (66)
	MOIL LTD.				
27	Manganese ore	1327745.92	MT	1301191 (98)	1201113 (100)
	NATIONAL ALUMINIUM COMPANY LTD.				
28	Alumina	2100000	MT	2152500 (102.5)	2105500 (100.26)
29	Aluminium	460022.99	MT	440242 (95.70)	425515 (92.50)
	NMDC Ltd.				
30	Diamond	100392.11	Carats	38149 (38)	39394 (39)
31	Iron ore	409.63	LT	323.61 (79)	355.76 (91)
	URANIUM CORPORATION OF INDIA LTD.				
32	TRIURANIUM OCTOXID	NA	MT		
33	TRIURANIUM OCTOXIDE	NA	MT	0 (0)	0 (0)

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
STEEL					
FERRO SCRAP NIGAM LTD.					
34	Handling Recovery and Processing of Scrap and slag	133.14	Lakh MT	131.42 (98.71)	110.89 (97.39)
MISHRA DHATU NIGAM LTD.					
35	Super Alloys, Titanium and Titanium Alloys and Spe	6112.5	MT	6846 (112)	4477 (73)
RASHTRIYA ISPAT NIGAM LTD.					
36	Bar products from LMMM and SBM	1647201.19	tonnes	1383649 (84)	1222401 (120)
37	Pig Iron	100017.09	tonnes	117020 (117)	103849 (19)
38	Saleable Steel	5682211.36	tonnes	5000346 (88)	4500450 (81)
39	Structural products form MMSM and STM	1741494.52	tonnes	1271291 (73)	1140035 (104)
40	Wire rods from WRM-1 and WRM-2	1646384.38	tonnes	1580529 (96)	1521859 (105)
STEEL AUTHORITY OF INDIA LTD.					
41	Saleable Steel	18.64	Million Tonnes	15.1 (81)	14.1 (79)
PETROLEUM (REFINERY & MARKETING)					
BHARAT PETROLEUM CORPN. LTD.					
42	HSD	NA	TMT		
43	LPG	NA	TMT		
44	MOTOR SPIRIT	NA	TMT		
CHENNAI PETROLEUM CORPORATION LTD.					
45	ATF	779.69	TMT	748.5 (96)	794.6 (101.9)
46	FO	1464.51	TMT	474.5 (32.4)	1093.6 (74.6)
47	GASOLINE	949.9	TMT	997.4 (105)	1107.3 (116.6)
48	HSD	4523.5	TMT	4677.3 (103.4)	4598.6 (101.6)
49	LPG	399.87	TMT	310.7 (77.7)	332.5 (83.1)
50	NAPHTHA	949.85	TMT	617.4 (65)	755.1 (79.5)
51	SKO	450	TMT	141.3 (31.4)	191.5 (42.6)
HINDUSTAN PETROLEUM CORPN. LTD.					
52	Petroleum	15764.1	TMT	18444 (117)	18276 (116)

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
	INDIAN OIL CORPORATION LTD.				
53	Petroleum/Petrochemical	69.2	MMT	71.816 (103.78)	69.001 (99.71)
	MANGALORE REFINERY & PETROCHEMICALS LTD.				
54	Petroleum Products	15	MMT	16.43 (109.54)	16.31 (108.76)
	NUMALIGARH REFINERY LTD.				
55	LPG, NAPHTHA, MS, ATF, SKO, HSD, SULPHUR,WAX	3000.1	TMTPA	2866 (95.53)	2823 (94.10)
	FERTILIZERS				
	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.				
56	Urea	511276.79	MT	286315 (56)	269586 (53)
	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.				
57	AMMONIUM SULPHATE	225006.35	MT	141754 (63)	180178 (80)
58	CAPROLACTAM	NA	MT	0 (0)	0 (0)
59	FACTAMFOS	634362	MT	634362 (100)	661973 (105)
	MADRAS FERTILIZERS LTD.				
60	AMMONIA	348142.42	MT	229774 (66)	252258 (73)
61	BIO FERTILIZERS	400	MT	150 (37.5)	83 (20.75)
62	NPK	840064.62	MT	52000 (6.19)	62110 (7.39)
63	UREA	486790.12	MT	394300 (81)	418898 (86)
	NATIONAL FERTILIZERS LTD.				
64	Bio-fertilizers	657.78	MT	592 (90)	503 (76)
65	Urea	35.73	LMT	38.59 (108)	38.10 (107)
	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.				
66	CONCENTRATED NITRIC ACID	33051.72	METRIC TONE	19170 (58)	17495 (53)
67	SUPHALA 15 15 15	421849.62	METRIC TONE	561060 (133)	478250 (114)
68	UREA THAL	1983500	METRIC TONE	1983500 (100)	2061300 (104)
69	UREA TROMBAY	329382.35	METRIC TONE	391965 (119)	440560 (134)

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
CHEMICALS & PHARMACEUTICALS					
BRAHAMPUTRA CRACKERS & POLYMER LTD.					
70	LLDPE/HDPE/PP	271946.73	MT	290983 (107)	212569 (78)
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.					
71	Capsules	1899.91	Nos	409.81 (21.57)	388.54 (20.45)
72	Syrup	17.58	ltrs	0.16 (0.91)	2.35 (13.06)
73	Tablets	2399.88	Nos	1190.34 (49.60)	1760.63 (73.36)
74	Vials	150.01	Nos	68.48 (45.65)	62.91 (41.94)
HIL (INDIA) LTD.					
75	DDT FORM	NA	MT/KL	2910	
HINDUSTAN ANTIBIOTICS LTD.					
76	FORMULATION	28694.74	No in Lacs	5452 (19)	3744 (12)
HINDUSTAN FLUOROCARBONS LIMITED					
77	CFM-22	1259.57	MT	1184 (94)	1265 (100)
78	PTFE	514.29	MT	36 (7)	30 (6)
HINDUSTAN ORGANIC CHEMICALS LTD.					
79	ACETONE	24548.78	MT	20130 (82)	10609 (43)
80	H2O2	10444.62	MT	6789 (65)	9008 (86)
81	PHENOL	39988.75	MT	31991 (80)	17191 (43)
HLL BIOTECH LTD.					
82	HIVAC-B	NA	Vials	3000	
83	Pentahil & HIVAC-B	NA	ML		36000 (12923)
84	Pentahil & HIVAC-B	NA	ML	0 (00)	0 (0)
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.					
85	Dry Powder Vials	617.44	Numbers in Lakhs	531 (86)	537 (87)
86	Liquid Parenterals	525.98	Numbers in Lakhs	668 (127)	680 (129)
87	Tablets Capsules	15040.46	Numbers in Lakhs	19703 (131)	14900 (174)

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
ONGC MANGALORE PETROCHEMICALS LTD.					
88	BENZENE	NA	KT	219	195
89	HYDROGEN	NA	KT	25	21
90	PARAFNC RAFF	NA	KT	249	203
91	Paraxylene	NA	KT	773	701
HEAVY & MEDIUM ENGINEERING					
BALMER LAWRIE & CO. LTD.					
92	BARRELS AND DRUMS	51.25	NOS LAKHS	44.59 (87)	45.75 (90)
93	GREASES & LUBRICANTS	0.69	MT LAKHS	.31 (45)	.35 (51)
94	LEATHER CHEMICALS	4268.55	MT	6787 (159)	6939 (163)
BEL OPTRONICS DEVICES LTD.					
95	NA	NA	NA		
BEL-THALES SYSTEMS LTD.					
96	Select Defense and Civilian Radar	4	Number	4 (100)	4 (100)
BHARAT DYNAMICS LTD.					
97	Exempted from disclosure	NA	NIL		
98	Exempted from disclosure	NA	NIL	0 (0)	0 (0)
BHARAT ELECTRONICS LTD.					
99	Radar,communication systems,Electro Optics	NA	Nos	0 (0)	0 (0)
BHARAT HEAVY ELECTRICALS LTD.					
100	Boiler	839059.52	MT	352405 (42)	374249 (45)
101	Electrical Machines	2272.73	Nos.	750 (33)	610 (27)
102	Power Transformers	44818.06	MVA	32269 (72)	34691 (77)
103	Traction Machines	3208.43	Nos.	2663 (83)	2134 (67)
104	Turbines/Generators Refer hard Copy	20515.79	MW Completion	3898 (19)	5866 (29)
BHARAT PUMPS & COMPRESSORS LTD.					
105	PUMPS AND COMPRESSORS	19.61	NOS	10 (51)	31 (54)
BHARAT WAGON & ENGG. CO. LTD.					
106	Main product was manufacturing of Railway wagons	12225	VUs	489 (4)	

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
BHEL ELECTRICAL MACHINES LTD.					
107	ROTATING ELECTRICAL MACHINES	993.1	KVA	288 (29)	281 (22)
BRAITHWAITE & CO. LTD.					
108	Bogie	1799.92	Nos	1371 (76.17)	970 (53.89)
109	Repairing of Wgon	NA	Nos	4590	919
110	Structural	NA	MT	0 (0)	0 (0)
111	Wagon	1199.94	Nos	869 (72.42)	530 (44.12)
CENTRAL ELECTRONICS LTD.					
112	Axle Counters (HASSDC & Equivalents	600	Nos.	1074 (179)	790 (128)
113	Phase Shifters	36058.06	Nos	22356 (62)	60287 (168)
114	Solar PV Modules	28000	KW	3360 (12.00)	5244 (18.80)
COCHIN SHIPYARD LTD.					
115	Ship Building	150000	DWT	166200 (110.80)	150000 (100)
116	Ship Repair	NA	Rs Lakhs		
ELECTRONICS CORPN. OF INDIA LTD.					
117	NA	NA	lakhs	268995 (0)	146978 (0)
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.					
118	Deck Machinery& pump	75	No. Set	48 (64)	15 (20)
119	Diesel Engine	85.71	No	6 (7)	15 (17)
120	General Engg	3609.2	MT	3140 (87)	4305 (120)
121	Ship Repair	NA	TON		
122	Shipbuilding	3243.37	Ton	2692 (83)	1765 (55)
123	Traded Goods- Base & Depot Spares	NA	Rupees		
GOA SHIPYARD LTD.					
124	Shipbuilding, Ship Repair and Gen Engineering Serv	0.96	SSU	0.66 (68.48)	2.45 (105)
HEAVY ENGINEERING CORPN. LTD.					
125	24/96 Dragline	1960.4	Ton	257.4 (13.13)	0.1 (0.01)
126	5/10 Cum Rope Shovel	4070.11	Ton	110.3 (2.71)	302.1 (7.41)

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
127	EOT Crane	6934.07	Ton	189.3 (2.73)	663.9 (9.57)
128	Forging & Forged Roll	9832.88	Ton	1824 (18.55)	1651 (16.80)
129	Machine tools and accessories	1334.97	Ton	163 (12.21)	25.61 (1.92)
130	Medium & Heavy Steel casting	16380.66	Ton	1880.5 (11.48)	1137 (6.94)
131	Mining Spares	1999.82	Ton	1133.3 (56.67)	643.5 (32.18)
132	Steel plant items / Components	1999.76	Ton	843.7 (42.19)	1265.3 (63.27)
HINDUSTAN AERONAUTICS LTD.					
133	Manufacture of aircraft and helicopter and ROH	267.71	Lakh Standard Man hours	307.87 (115)	295.84 (110)
HINDUSTAN CABLES LTD.					
134	0	NA	0	0 (0)	0 (0)
HINDUSTAN SHIPYARD LTD.					
135	Ships/Ship Repairs/Retrofit of Submarines	34412.21	Compensated Gross Tonnage	6762 (19.65)	15977 (46.00)
HMT BEARINGS LTD.					
136	BEARINGS	NA	NO		
HMT LTD.					
137	Food Processing Machines	196.77	percentage	122 (62)	201 (68)
HMT MACHINE TOOLS LTD.					
138	Machine Tools	716.25	Number	573 (80)	295 (80)
HMT WATCHES LTD.					
139	watches	NA	NO		
I T I LTD.					
140	Component Screening	25000	Nos	24100 (96.40)	
141	OLT	2399.71	Nos	329 (13.71)	1548 (64.5)
142	ONT 11	59986.28	Nos	8746 (14.58)	2361 (92.67)
143	Smart Energy Meter	600124.77	Nos	96200 (16.03)	
144	SMPS	4499.79	Nos	3162 (70.27)	1495 (33.22)
145	Space Electronic Fabrication	850.02	Packages	845 (99.41)	2361 (92.67)

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
	MAZAGON DOCK SHIPBUILDERS LTD.				
146	Warships and Submarines	1421.24	Tons	1606 (113)	1482 (104)
	NAINI AEROSPACE LTD.				
147	Wire harnesses	403	SMH	403 (100)	64 (100)
	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.				
148	ELECTRONIC MILK ANALYSER	4507.75	NOS	11630 (258)	10609 (303)
149	SOLAR PHOTOVOLTAIC MODULES	18984.38	KWP	12150 (64)	11120 (59)
	SAIL REFRACTORY COMPANY LTD.				
150	FIRED BRICKS	15340	MT	12272 (80)	12502 (82)
151	MAG CARBON BRICKS	4319.19	MT	8552 (198)	8013 (186)
	SCOOTERS INDIA LTD.				
152	Vikram Three wheeler	12376.32	Nos	4703 (38)	3664 (13)
	TRANSPORATATION VEHICLE & EQUIPMENT				
	BEML LTD.				
153	BEML Tatra trucks	NA	Nos	125	160
154	Def. aggregates & others	NA	Nos	259	310
155	EM Equipment	NA	Nos	601	702
156	Railway products	NA	Nos	146	279
	INDUSTRIAL AND CONSUMER GOODS				
	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA				
157	Crutches	62397.92	Nos	82671 (132.49)	72259 (115.80)
158	Hearing Aids	104998.99	Nos	155472 (148.07)	108710 (127.59)
159	Tricycle	80503.75	Nos	66480 (82.58)	91938 (117.87)
160	Wheel Chairs	38000.65	Nos	81462 (214.37)	46044 (153.48)
	CEMENT CORPN. OF INDIA LTD.				
161	Cement	1446242.59	MT	634322 (43.86)	753075 (52.08)
	HINDUSTAN NEWSPRINT LTD.				
162	Newsprint	100014.93	MT	33495 (33.49)	67385 (67.39)
	HINDUSTAN SALTS LTD.				
163	Bromine	900.02	MT	361 (40.11)	330 (36.37)

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
164	common salt	NA	MT	2680 (0)	12374 (0)
165	MGCL	7499.61	MT	4766 (63.55)	3600 (48)
166	Rock Salt	NA	MT	17 (0)	47 (0)
HLL LIFECARE LTD.					
167	Blood Bags	12.43	MPCS	10.07 (81)	7.39 (59)
168	Condoms	1903.86	MPCS	818.66 (43)	1846.52 (98)
169	Copper T	5.52	MPCS	2.87 (52)	2.38 (43)
170	Pregnancy Test Kit	25.86	MPCS	12.93 (50)	12.55 (48)
171	Steroidal OCP	99.65	Million Cycles	42.85 (43)	43.78 (45)
172	Sutures	6.1	L.Doiz	0.61 (10)	1.31 (22)
HOOGHLY PRINTING COMPANY LTD.					
173	PRINTING ON PAPER AND BOARD	11.76	METRIC TON	10 (85)	2003 (88)
NEPA LTD.					
174	Newspprint	NA	MT	0 (0)	0 (0)
SAMBHAR SALTS LTD.					
175	common salt	NA	MT	251478 (0)	265314 (0)
176	Processed Salt	91047.62	MT	19120 (21)	14373 (16)
SECURITY PRINTING & MINTING CORPN. INDIA LTD.					
177	Bank Notes	7999.69	mpcs	10482 (131.03)	9219 (133.61)
178	Circulation Coins	7750.8	mpcs	5331 (68.78)	6703 (91.20)
179	Non-Judicial Stamp Paper	419.89	mpcs	317.90 (75.71)	259.05 (80.95)
180	Passports & Allied Booklets	12.5	mpcs	14.11 (112.88)	11.61 (92.88)
TEXTILES					
NATIONAL TEXTILE CORPN. LTD.					
181	Yarn and Cloth	592.59	Kgs and Mtrs	505.95 (85.38)	527.81 (87.61)
POWER GENERATION					
BHARTIYA RAIL BIJLEE CO. LTD.					
182	ELECTRICITY	NA	MW		
183	Electricity Generation	NA	MW	2754.76	1009.08

S.No.	Cognate Group / CPSE Product	Capacity	Unit	Production (% Utilisation of Capacity)	
				2018-19	2017-18
184	Electricity Generation KANTI BIJLEE UTPADAN NIGAM LTD.	3722.65	MW	2754.76 (74)	1009.08 (30)
185	Electricity	5343.23	million units	3041.368 (56.92)	1728.82 (35.15)
186	ELECTRICITY LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	5343.23	million units	3041.368 (56.92)	1728.82 (35.15)
187	generation of Hydro Power	NA	MU	0 (0)	0 (0)
188	Hydro Electric Power NHDC LTD.	NA	MU	0 (0)	0 (0)
189	Generation of Electricity NHPC LTD.	2046.48	MU	1921.24 (93.88)	1325.25 (90.34)
190	Electricity NLC INDIA LTD.	28790.59	MW/MU	24472 (85)	22975 (85)
191	Lignite	30.6	Million Tonne	24.25 (79.25)	25.15 (82.20)
192	Power NLC TAMIL NADU POWER LTD.	28736.87	Million Unit	20676.18 (71.95)	20740.84 (72.37)
193	POWER GENERATION NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	8709.52	Million Units	5487 (63)	5413 (62)
194	Electricity NTPC LTD.	7354.22	Million Units	6104 (83)	6166 (90)
195	Generation of Electricity NUCLEAR POWER CORPN. OF INDIA LTD.	357.32	Billion Units (1 Unit=1Kwh)	274.454 (76.81)	265.798 (77.90)
196	Electricity PATRATU VIDYUT UTPADAN NIGAM LTD.	54018.57	MUs	37813 (70)	38336 (70)
197	0 SJVN LTD.	NA	0	0 (0)	0 (0)
198	Power Generation THDC INDIA LTD.	8153.72	MU	8435.026 (103.45)	9281.919 (99.34)
199	Electricity	5872.7	MU	4687 (79.81)	4540 (76.17)

NOTE : FIGURE APPEARING AS “ZERO” AND “NA” RELATE TO THE INFORMATION IS NOT AVAILABLE

STATEMENT - 17
EXPENDITURE ON RESEARCH AND DEVELOPMENT IN CPSEs

(₹ in Crores)

Sl. No.	CPSE	R&D as % of Sales					
		2018-19	2017-18	2016-17	2018-19	2017-18	2016-17
1	AIRPORTS AUTHORITY OF INDIA	0	0.65	6.42	0	0.01	0.05
2	ANDREW YULE & COMPANY LTD.	0.53	1.51	0.43	0.17	0.42	0.11
3	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	0.78	0.71	1.14	0.24	0.33	0.48
4	BALMER LAWRIE & CO. LTD.	11.03	6.29	5.29	0.62	0.36	0.31
5	BEL OPTRONICS DEVICES LTD.	0.61	0.14	0.29	0.52	0.11	0.29
6	BEML LTD.	70.72	93.05	76.11	2.03	2.87	2.72
7	BHARAT COKING COAL LTD.	0	0	0.13	0	0	0
8	BHARAT DYNAMICS LTD.	53.45	33.51	31.16	1.74	0.73	0.69
9	BHARAT ELECTRONICS LTD.	886.66	938.51	750.7	7.34	9.09	8.72
10	BHARAT HEAVY ELECTRICALS LTD.	819.69	752.64	793.62	2.7	2.6	2.79
11	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	0.58	0	0	0.69	0	0
12	BHARAT PETROLEUM CORPN. LTD.	100.72	83.19	49.48	0.03	0.04	0.02
13	BHARAT SANCHAR NIGAM LTD.	80.14	78.96	0	0.45	0.35	0
14	BRAHMAPUTRA CRACKERS & POLYMER LTD.	0	0.01	0	0	0	0
15	BRIDGE & ROOF CO.(INDIA) LTD.	0.12	0.1	0.1	0	0	0.01
16	CENTRAL COALFIELDS LTD.	0	0.38	0.22	0	0	0
17	CENTRAL ELECTRONICS LTD.	0	0.95	0	0	0.44	0
18	CENTRAL WAREHOUSING CORPN.	0.04	0.28	0.07	0	0.02	0
19	CHENNAI PETROLEUM CORPORATION LTD.	6.32	11.51	6.89	0.02	0.04	0.02
20	COAL INDIA LTD.	103.69	70.74	24.04	11.1	7.62	8.29
21	CONTAINER CORPORATION OF INDIA LTD.	9.42	2.79	3.07	0.14	0.05	0.05
22	EASTERN COALFIELDS LTD.	0.06	0	0.14	0	0	0
23	ELECTRONICS CORPN. OF INDIA LTD.	23.78	27.15	0	0.88	1.94	0
24	ENGINEERS INDIA LTD.	18.53	13.23	12.67	0.76	0.74	0.87
25	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1.4	1.14	1.09	0.07	0.06	0.06
26	GAIL (INDIA) LTD.	37.17	28.84	16.76	0.05	0.05	0.03
27	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	11.72	11.19	13.19	0.85	0.83	1.43
28	GOA SHIPYARD LTD.	10.31	8.83	8.31	1.14	0.64	0.79
29	HEAVY ENGINEERING CORPN. LTD.	0.92	0.94	0.63	0.25	0.23	0.16
30	HIL (INDIA) LTD.	0.06	0.14	0.18	0.01	0.03	0.05
31	HINDUSTAN AERONAUTICS LTD.	1464.4	1611.86	1284	7.36	8.7	7.15
32	HINDUSTAN ANTIBIOTICS LTD.	1.43	1.4	1.42	2.4	4.49	16.06
33	HINDUSTAN CABLES LTD.	0	0	4.24	0	0	0
34	HINDUSTAN COPPER LTD.	1.61	1.58	2.34	0.09	0.09	0.19
35	HINDUSTAN NEWSPRINT LTD.	0.36	0.46	0.41	0.22	0.18	0.12
36	HINDUSTAN PETROLEUM CORPN. LTD.	253.85	232.78	276.54	0.09	0.11	0.15
37	HINDUSTAN SALTS LTD.	0.03	0.04	0	0.35	0.58	0
38	HLL LIFECARE LTD.	3.53	5.11	6.34	0.24	0.48	0.61
39	HMT LTD.	0	0	6.51	0	0	64.39
40	HMT MACHINE TOOLS LTD.	1.53	0	0	0.7	0	0
41	HOOGHLY DOCK AND PORT ENGINEERS LTD.	0.04	0	0	0	0	0
42	HOUSING & URBAN DEV. CORPN. LTD.	0.65	1.04	1.53	0.01	0.02	0.04
43	I T I LTD.	12.56	15.1	16.3	0.75	1.02	1.07
44	INDIAN OIL CORPORATION LTD.	300.19	230.86	217.53	0.06	0.05	0.06
45	INSTRUMENTATION LTD.	0.08	0.08	0.08	0.12	0.12	0.12
46	IREL (INDIA) LTD.	2.3	2.1	1.93	0.3	0.37	0.43

Sl. No.	CPSE	R&D as % of Sales					
		2018-19	2017-18	2016-17	2018-19	2017-18	2016-17
47	KAMARAJAR PORT LTD.	0.07	1.3	0.33	0.01	0.21	0.05
48	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0.74	1.27	0.79	0.2	0.36	0.21
49	KIOCL LTD.	0.12	0	0	0.01	0	0
50	MAHANADI COALFIELDLS LTD.	0.07	0	0.86	0	0	0.01
51	MANGALORE REFINERY & PETROCHEMICALS LTD.	14.97	1.99	5.35	0.02	0	0.01
52	MAZAGON DOCK SHIPBUILDERS LTD.	85.4	75.11	77.09	1.84	1.67	2.18
53	MECON LTD.	1.08	0.71	0.77	0.23	0.15	0.22
54	MINERAL EXPLORATION CORPN. LTD.	0	0.6	0.37	0	0.16	0.11
55	MISHRA DHATU NIGAM LTD.	29.97	10.45	11	4.22	1.58	1.42
56	MOIL LTD.	8.91	9.64	4.68	0.62	0.73	0.48
57	NATIONAL ALUMINIUM COMPANY LTD.	31	27.95	47.52	0.27	0.29	0.63
58	NATIONAL FERTILIZERS LTD.	0	0.25	0	0	0	0
59	NEPA LTD.	1.48	0	0	12.46	0	0
60	NHDC LTD.	0.33	0	0	0.04	0	0
61	NHPC LTD.	0	0	4.91	0	0	0.07
62	NLC INDIA LTD.	16.79	2.25	13.35	0.23	0.03	0.15
63	NMDC Ltd.	31.31	26.53	20.3	0.26	0.23	0.23
64	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	0	0.56	0	0	0.04
65	NORTHERN COALFIELDS LTD.	0.38	0.79	0.64	0	0.01	0.01
66	NTPC LTD.	138.59	184.98	162.28	0.15	0.22	0.21
67	NUCLEAR POWER CORPN. OF INDIA LTD.	12.34	13.06	10.29	0.11	0.11	0.1
68	OIL & NATURAL GAS CORPORATION LTD.	583.28	586.23	591.86	0.53	0.69	0.76
69	OIL INDIA LTD.	86.19	64.32	63.42	0.63	0.6	0.67
70	POWER GRID CORPORATION OF INDIA LTD.	12.67	0	2.63	0.04	0	0.01
71	POWER SYSTEM OPERATION CORPORATION LTD.	0	1.48	0	0	0.74	0
72	RAILTEL CORPORATION INDIA LTD.	0	2	0	0	0.2	0
73	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	2.36	2.66	0	0.97	1.16
74	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	3.2	2.94	3.16	0.04	0.04	0.04
75	RASHTRIYA ISPAT NIGAM LTD.	19.07	20.06	23.53	0.09	0.14	0.21
76	SAMBHAR SALTS LTD.	0.03	0	0	0.14	0	0
77	SCOOTERS INDIA LTD.	1.19	0.2	0.23	1.86	0.4	0.24
78	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	0.84	1.3	0.79	0.01	0.03	0.01
79	SJVN LTD.	0	0	0.64	0	0	0.02
80	SOUTH EASTERN COALFIELDS LTD.	0.22	0.8	1.53	0	0	0.01
81	STEEL AUTHORITY OF INDIA LTD.	319.86	335.5	339.43	0.48	0.58	0.76
82	THDC INDIA LTD.	4.33	4.82	4.34	0.16	0.22	0.21
83	URANIUM CORPORATION OF INDIA LTD.	0	1.81	0	0	0.1	0
84	VIGNYAN INDUSTRIES LTD.	0	0	0.01	0	0	0.03
85	WESTERN COALFIELDS LTD.	0.02	0.13	0.36	0	0	0.01
TOTAL :		5695.46	5650.62	5016.98			

STATEMENT - 18
COMPONENT OF INTERNAL RESOURCES OF CPSEs GENERATED DURING 2018-19

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
AGRO BASED INDUSTRIES						
1	NATIONAL SEEDS CORPN. LTD.	1842	0	3300	-1548	3594
SUB TOTAL :		1842	0	3300	-1548	3594
COAL						
2	BHARAT COKING COAL LTD.	24565	287	42362	30732	97946
3	CENTRAL COALFIELDS LTD.	34428	0	134637	849	169914
4	COAL INDIA LTD.	1712	913	234799	0	237424
5	EASTERN COALFIELDS LTD.	41276	8222	70638	24835	144971
6	MAHANADI COALFIELDLS LTD.	49977	142	128505	7630	186254
7	NORTHERN COALFIELDS LTD.	53929	0	122293	15097	191319
8	SOUTH EASTERN COALFIELDS LTD.	79078	0	80670	35301	195049
9	WESTERN COALFIELDS LTD.	47808	332	26933	-7561	67512
SUB TOTAL :		332773	9896	840837	106883	1290389
CRUDE OIL						
10	OIL & NATURAL GAS CORPORATION LTD.	1458459	119404	1543615	209600	3331078
11	OIL INDIA LTD.	149631	9397	129043	25515	313586
12	ONGC VIDESH LTD.	356124	109341	168037	175545	809047
13	PRIZE PETROLEUM COMPANY LTD.	14	0	502	0	516
SUB TOTAL :		1964228	238142	1841197	410660	4454227
OTHER MINERALS & METALS						
14	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	22	0	566	63	651
15	HINDUSTAN COPPER LTD.	25289	0	10087	-668	34708
16	IREL (INDIA) LTD.	3850	0	7044	1100	11994
17	KIOCL LTD.	1927	0	5143	2868	9938
18	MOIL LTD.	6682	0	28352	-2023	33011
19	NATIONAL ALUMINIUM COMPANY LTD.	47610	0	48713	-1713	94610
20	NMDC Ltd.	27889	0	260443	-19702	268630
21	URANIUM CORPORATION OF INDIA LTD.	21085	0	15570	10190	46845
SUB TOTAL :		134354	0	375918	-9885	500387
STEEL						
22	FERRO SCRAP NIGAM LTD.	1344	0	1465	-166	2643
23	MISHRA DHATU NIGAM LTD.	2320	0	4519	1116	7955
24	RASHTRIYA ISPAT NIGAM LTD.	105759	0	9671	-40360	75070
25	STEEL AUTHORITY OF INDIA LTD.	338472	0	239344	115423	693239
SUB TOTAL :		447895	0	254999	76013	778907
PETROLEUM (REFINERY & MARKETING)						
26	BHARAT PETROLEUM CORPN. LTD.	318928	767	276587	131648	727930
27	HINDUSTAN PETROLEUM CORPN. LTD.	301261	0	437532	56195	794988
28	INDIAN OIL CORPORATION LTD.	751429	0	523736	313183	1588348
29	MANGALORE REFINERY & PETROCHEMICALS LTD.	75675	0	-30642	11328	56361
30	NUMALIGARH REFINERY LTD.	19445	0	50633	6500	76578
SUB TOTAL :		1466738	767	1257846	518854	3244205

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
FERTILIZERS						
31	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	2289	-37	17135	0	19387
32	HINDUSTAN FERTILIZER CORPN. LTD.	11	0	6434	2	6447
33	NATIONAL FERTILIZERS LTD.	10114	0	23162	1082	34358
34	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	15569	0	9926	5616	31111
35	THE FERTILIZER CORPN. OF INDIA LTD.	9	0	16478	0	16487
SUB TOTAL :		27992	-37	73135	6700	107790
CHEMICALS & PHARMACEUTICALS						
36	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	512	0	4438	0	4950
37	BRAHAMPUTRA CRACKERS & POLYMER LTD.	38665	0	6897	-5981	39581
38	HIL (INDIA) LTD.	601	0	362	0	963
39	HINDUSTAN ORGANIC CHEMICALS LTD.	176	0	10736	2069	12981
40	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	420	0	558	9	987
41	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	613	0	1239	100	1952
42	ONGC MANGALORE PETROCHEMICALS LTD.	29077	0	2148	5129	36354
SUB TOTAL :		70064	0	26378	1326	97768
HEAVY & MEDIUM ENGINEERING						
43	BALMER LAWRIE & CO. LTD.	2672	0	5036	424	8132
44	BEL OPTRONICS DEVICES LTD.	2101	0	857	-235	2723
45	BEL-THALES SYSTEMS LTD.	90	0	104	0	194
46	BHARAT DYNAMICS LTD.	8250	0	31217	2692	42159
47	BHARAT ELECTRONICS LTD.	31622	0	131043	-2092	160573
48	BHARAT HEAVY ELECTRICALS LTD.	47481	0	30891	10740	89112
49	BRAITHWAITE & CO. LTD.	177	0	786	0	963
50	CENTRAL ELECTRONICS LTD.	448	0	169	400	1017
51	COCHIN SHIPYARD LTD.	3416	0	28290	-2005	29701
52	ELECTRONICS CORPN. OF INDIA LTD.	3776	0	22663	662	27101
53	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2708	0	1677	312	4697
54	GOA SHIPYARD LTD.	4498	0	1153	171	5822
55	HINDUSTAN AERONAUTICS LTD.	102849	24909	148426	-25091	251093
56	HINDUSTAN CABLES LTD.	31	0	5186	0	5217
57	HINDUSTAN SHIPYARD LTD.	475	0	3624	0	4099
58	HMT BEARINGS LTD.	0	0	7924	0	7924
59	HMT LTD.	25	0	1724	0	1749
60	HMT WATCHES LTD.	0	0	12128	0	12128
61	I T I LTD.	3709	0	17148	0	20857
62	MAZAGON DOCK SHIPBUILDERS LTD.	6142	0	34757	-3026	37873
63	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	188	0	733	36	957
64	RICHARDSON & CRUDDAS(1972) LTD.	39	0	1646	0	1685
65	SAIL REFRACTORY COMPANY LTD.	62	0	1674	69	1805
66	VIGNYAN INDUSTRIES LTD.	105	0	-73	-18	14
SUB TOTAL :		220864	24909	488783	-16961	717595

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
TRANSPORATATION VEHICLE & EQUIPMENT						
67	BEML LTD.	6958	0	-1245	2079	7792
SUB TOTAL :		6958	0	-1245	2079	7792
INDUSTRIAL AND CONSUMER GOODS						
68	ANDREW YULE & COMPANY LTD.	688	0	22	181	891
69	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	282	0	7611	0	7893
70	CEMENT CORPN. OF INDIA LTD.	635	0	635	0	1270
71	HINDUSTAN SALTS LTD.	84	0	126	0	210
72	HLL LIFECARE LTD.	5429	0	1186	-760	5855
73	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	12842	0	28387	-7323	33906
SUB TOTAL :		19960	0	37967	-7902	50025
POWER GENERATION						
74	KANTI BIJLEE UTPADAN NIGAM LTD.	23126	0	9874	0	33000
75	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	0	0	39	0	39
76	NHPC LTD.	158999	0	148322	46445	353766
77	NLC INDIA LTD.	74572	0	42575	21604	138751
78	NLC TAMIL NADU POWER LTD.	37504	0	27074	15515	80093
79	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	35711	0	7742	14042	57495
80	NTPC LTD.	725436	0	564172	-576783	712825
81	NUCLEAR POWER CORPN. OF INDIA LTD.	105812	0	222210	-190	327832
82	SJVN LTD.	39026	0	54407	4225	97658
83	THDC INDIA LTD.	55500	0	74555	0	130055
SUB TOTAL :		1255686	0	1150970	-475142	1931514
POWER TRANSMISSION						
84	POWER GRID CORPORATION OF INDIA LTD.	1020067	0	451196	524864	1996127
85	POWER GRID JABALPUR TRANSMISSION LTD.	1921	0	1014	109	3044
86	POWER GRID PARLI TRANSMISSION LTD.	8243	0	4585	2671	15499
87	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	1376	0	-156	0	1220
88	POWER GRID WARORA TRANSMISSION LTD.	8771	0	2620	2442	13833
89	POWER SYSTEM OPERATION CORPORATION LTD.	2042	0	3279	-608	4713
90	POWERGRID KALA AMB TRANSMISSION LTD.	1639	0	219	540	2398
91	POWERGRID UNCHAHAR TRANSMISSION LTD.	385	0	496	430	1311
92	POWERGRID VIZAG TRANSMISSION LTD.	6922	0	6400	884	14206
93	REC POWER DISTRIBUTION CO. LTD.	99	204	-84	119	338
SUB TOTAL :		1051465	204	469569	531451	2052689
TRADING & MARKETING						
94	ANTRIX CORPORATION LTD.	152	0	18472	-1183	17441
95	FOOD CORPN. OF INDIA	10221	0	0	0	10221
96	HMT (INTERNATIONAL) LTD.	15	0	119	-16	118
97	INDIA TRADE PROMOTION ORGANISATION	189	69	7335	0	7593
98	KARNATAKA TRADE PROMOTION ORGANISATION	91	0	699	0	790
99	M M T C LTD.	554	0	4361	477	5392
100	NATIONAL FILM DEV. CORPN. LTD.	127	0	-6	102	223

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
101	NTPC VIDYUT VYAPAR NIGAM LTD.	10	0	4145	7	4162
102	TAMIL NADU TRADE PROMOTION ORGANISATION	373	0	3502	0	3875
103	THE COTTON CORPN. OF INDIA LTD.	383	0	4925	1082	6390
104	THE JUTE CORPN. OF INDIA LTD.	16	0	522	0	538
SUB TOTAL :		12131	69	44074	469	56743
TRANSPORT AND LOGISTIC SERVICES						
105	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	1065	0	6090	212	7367
106	AIR INDIA AIR TRANSPORT SERVICES LTD.	3058	0	6381	0	9439
107	AIR INDIA EXPRESS LTD.	26078	0	16134	0	42212
108	AIRPORTS AUTHORITY OF INDIA	156489	0	134863	-37348	254004
109	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	843	0	657	-417	1083
110	CENTRAL WAREHOUSING CORPN.	8690	0	12331	2321	23342
111	CHANDIGARH INTERNATIONAL AIRPORT LTD.	3383	0	1880	746	6009
112	CONTAINER CORPORATION OF INDIA LTD.	42458	0	99416	-1066	140808
113	GAIL (INDIA) LTD.	155022	0	270713	62051	487786
114	GAIL GAS LTD.	3214	0	8094	2243	13551
115	KAMARAJAR PORT LTD.	4668	0	17587	0	22255
116	SHIPPING CORPORATION OF INDIA LTD.	65846	0	-11635	-1242	52969
117	SIDCUL CONCOR INFRA COMPANY LTD.	699	0	-468	0	231
SUB TOTAL :		471513	0	562043	27500	1061056
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES						
118	AGRINNOVATE INDIA LTD.	10	0	192	2	204
119	BRIDGE & ROOF CO.(INDIA) LTD.	1368	0	1666	-283	2751
120	BROADCAST ENGG. CONSULTANTS INDIA LTD.	200	0	4	194	398
121	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2366	0	13262	2624	18252
122	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	13	0	152	-23	142
123	DELHI POLICE HOUSING CORPORATION LTD.	0	0	56	0	56
124	EdCIL(India) Ltd.	55	0	1683	129	1867
125	ENGINEERS INDIA LTD.	2236	0	955	871	4062
126	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	4	0	4
127	HINDUSTAN PREFAB LTD.	19	0	214	0	233
128	HINDUSTAN STEELWORKS COSTN. LTD.	107	0	-151	124	80
129	HLL INFRA TECH SERVICES LTD.	19	0	979	0	998
130	HLL MOTHER & CHILD CARE HOSPITALS LTD.	31	0	-30	0	1
131	HSCC (INDIA) LTD.	44	0	3626	1183	4853
132	IIFCL PROJECTS LTD.	2	0	209	1	212
133	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	0	0	214	36	250
134	IRCON INFRASTRUCTURE & SERVICES LTD.	313	0	1403	-54	1662
135	IRCON INTERNATIONAL LTD.	1170	0	20589	626	22385
136	IRCON SHIVPURI GUNA TOLLWAY LTD.	3440	0	-3061	10	389
137	IRCON VADODARA KIM EXPRESSWAY LTD.	0	0	5	-2	3
138	KONKAN RAILWAY CORPORATION LTD.	5664	0	10187	0	15851
139	MINERAL EXPLORATION CORPN. LTD.	775	0	6137	-295	6617

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
140	MUMBAI RAILWAY VIKAS CORPORATION LTD.	256	0	3587	0	3843
141	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	155	0	3911	-12	4054
142	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	161	0	1686	-735	1112
143	NATIONAL RESEARCH DEVELOPMENT CORPN.	8	0	1	-7	2
144	NBCC (INDIA) LTD.	264	0	26259	-1718	24805
145	NBCC SERVICES LTD.	20	0	863	-71	812
146	PROJECTS & DEVELOPMENT INDIA LTD.	232	0	1614	84	1930
147	RAIL VIKAS NIGAM LTD.	574	0	38730	-825	38479
148	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	621	0	3038	812	4471
149	rites LTD.	3218	0	18472	-1565	20125
150	SOLAR ENERGY CORPORATION OF INDIA	459	170	12711	27	13367
151	TCIL LAKHNADONE TOLL ROAD LTD.	145	0	-6	0	139
152	WAPCOS LTD.	542	0	8304	-707	8139
SUB TOTAL :		24487	170	177465	426	202548
HOTEL AND TOURIST SERVICES						
153	INDIA TOURISM DEV. CORPN. LTD.	712	0	2306	516	3534
154	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2864	0	12679	-1824	13719
155	PONDICHERRY ASHOK HOTEL CORPN. LTD.	15	0	16	-2	29
SUB TOTAL :		3591	0	15001	-1310	17282
FINANCIAL SERVICES						
156	BALMER LAWRIE INVESTMENTS LTD.	0	0	2263	0	2263
157	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	28	0	154	0	182
158	E. C. G. C. LTD.	437	0	24438	-876	23999
159	HOUSING & URBAN DEV. CORPN. LTD.	530	32727	101278	9878	144413
160	IIFCL ASSET MANAGEMENT COMPANY LTD.	1	0	340	0	341
161	INDIA INFRASTRUCTURE FINANCE CO. LTD.	692	8821	10166	3976	23655
162	INDIAN RAILWAY FINANCE CORPORATION LTD.	42	2754	180283	0	183079
163	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	2337	26587	21756	-7784	42896
164	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	4	0	600	0	604
165	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	2	0	169	14	185
166	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	23	0	2770	0	2793
167	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	104	0	575	0	679
168	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	32	0	5011	0	5043
169	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	34	0	2139	0	2173
170	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	44	0	5127	0	5171
171	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	26	0	2813	0	2839
172	NMDC CSR FOUNDATION	0	0	983	0	983

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
173	POWER FINANCE CORPORATION LTD.	614	-87148	695098	51515	660079
174	REC LTD.	717	24033	273886	54514	353150
SUB TOTAL :		5667	7774	1329849	111237	1454527
TELECOMMUNICATION & INFORMATION TECHNOLOGY						
175	BHARAT BROADBAND NETWORK LTD.	0	0	336	0	336
176	MILLENNIUM TELECOM LTD.	0	0	64	0	64
177	RAILTEL CORPORATION INDIA LTD.	11156	0	3435	816	15407
178	RAILTEL ENTERPRISES LTD.	1	0	179	2	182
179	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1350	0	2168	-953	2565
SUB TOTAL :		12507	0	6182	-135	18554
GRAND TOTAL :		7530715	281894	8954268	1280715	18047592

STATEMENT - 19
INTERNAL RESOURCES UTILIZED AS % OF FIXED ASSETS AS ON 31.3.2019

(₹ 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.	15649	2500	15.98
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	32263	13842	42.9
3	AIR INDIA ENGINEERING SERVICES LTD.	42419	16667	39.29
4	AIR INDIA EXPRESS LTD.	364467	95780	26.28
5	AIRPORTS AUTHORITY OF INDIA	2822202	69372	2.46
6	ANDREW YULE & COMPANY LTD.	25156	9809	38.99
7	ANTRIX CORPORATION LTD.	1846	680	36.84
8	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	10486	5410	51.59
9	BALMER LAWRIE & CO. LTD.	61914	12461	20.13
10	BEL OPTRONICS DEVICES LTD.	41059	8513	20.73
11	BEML LTD.	88428	34474	38.99
12	BHARAT COKING COAL LTD.	455503	446892	98.11
13	BHARAT DYNAMICS LTD.	126664	18328	14.47
14	BHARAT ELECTRONICS LTD.	373442	24366	6.52
15	BHARAT HEAVY ELECTRICALS LTD.	623159	79186	12.71
16	BHARAT PETROLEUM CORPN. LTD.	6285777	2559545	40.72
17	BHARAT PUMPS & COMPRESSORS LTD.	10522	10062	95.63
18	BHARAT SANCHAR NIGAM LTD.	25527432	2505008	9.81
19	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	652182	576803	88.44
20	BHARTIYA RAIL BIJLEE CO. LTD.	831809	765753	92.06
21	BHEL ELECTRICAL MACHINES LTD.	1096	1050	95.8
22	BIJAWAR-VIDARBHA TRANSMISSION LTD	37	1	2.7
23	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	332	100	30.12
24	BRAHAMPUTRA CRACKERS & POLYMER LTD.	872998	414902	47.53
25	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	113679	93858	82.56
26	BRIDGE & ROOF CO.(INDIA) LTD.	8626	5499	63.75
27	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2805	137	4.88
28	BUNDELKHAND SAUR URJA LTD.	959	400	41.71
29	CENTRAL COALFIELDS LTD.	673275	94000	13.96
30	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2597	1165	44.86
31	CENTRAL ELECTRONICS LTD.	8575	7668	89.42
32	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	26625	3808	14.3
33	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	23482	4236	18.04
34	CENTRAL WAREHOUSING CORPN.	217193	6802	3.13
35	CHANDIL TRANSMISSION LTD.	15	5	33.33
36	CHENNAI PETROLEUM CORPORATION LTD.	956886	159242	16.64
37	CHEYUR INFRA LTD.	9	8	88.89
38	COASTAL KARNATAKA POWER LTD.	637	170	26.69
39	COASTAL TAMIL NADU POWER LTD.	21943	15306	69.75
40	COCHIN SHIPYARD LTD.	85202	25454	29.87
41	CONCOR AIR LTD.	4503	3665	81.39
42	CONTAINER CORPORATION OF INDIA LTD.	632848	30465	4.81
43	DEOGHAR INFRA LTD.	30	29	96.67
44	DEOGHAR MEGA POWER LTD.	1981	1974	99.65
45	DUMKA TRANSMISSION LTD.	15	5	33.33

S. No.	CPSE	Gross Block + Capital WIP	Internal Resources Utilised	% of Internal Resources Utilised to Fixed Assets
46	EASTERN COALFIELDS LTD.	524974	403941	76.94
47	EdCIL(India) Ltd.	4771	1000	20.96
48	ELECTRONICS CORPN. OF INDIA LTD.	30703	16337	53.21
49	ENGINEERS INDIA LTD.	35820	31596	88.21
50	FERRO SCRAP NIGAM LTD.	11754	3200	27.22
51	GAIL (INDIA) LTD.	4616261	312565	6.77
52	GAIL GAS LTD.	160470	128172	79.87
53	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	43378	11455	26.41
54	GOA SHIPYARD LTD.	116951	5820	4.98
55	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	29378	2829	9.63
56	HIL (INDIA) LTD.	19704	10024	50.87
57	HINDUSTAN AERONAUTICS LTD.	1291039	43439	3.36
58	HINDUSTAN COPPER LTD.	143903	103327	71.8
59	HINDUSTAN FLUOROCARBONS LIMITED	11130	1961	17.62
60	HINDUSTAN NEWSPRINT LTD.	51922	11208	21.59
61	HINDUSTAN ORGANIC CHEMICALS LTD.	36745	31289	85.15
62	HINDUSTAN PETROLEUM CORPN. LTD.	6108491	1284143	21.02
63	HINDUSTAN STEELWORKS COSTN. LTD.	10547	7000	66.37
64	HLL LIFECARE LTD.	50294	35348	70.28
65	HMT (INTERNATIONAL) LTD.	840	72	8.57
66	HMT MACHINE TOOLS LTD.	33178	28294	85.28
67	HOOGHLY PRINTING COMPANY LTD.	637	103	16.17
68	HSCC (INDIA) LTD.	8323	180	2.16
69	I T I LTD.	287134	125200	43.6
70	INDIA TRADE PROMOTION ORGANISATION	134261	25	0.02
71	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	5409	5198	96.1
72	INDIAN OIL CORPORATION LTD.	16747780	4384740	26.18
73	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	39673	17472	44.04
74	IRCON INFRASTRUCTURE & SERVICES LTD.	10949	6500	59.37
75	IRCON PB TOLLWAY LTD.	52567	47470	90.3
76	IRCON SHIVPURI GUNA TOLLWAY LTD.	72687	66666	91.72
77	IREL (INDIA) LTD.	73905	8637	11.69
78	JHARKHAND CENTRAL RAILWAY LTD.	16385	5000	30.52
79	JHARKHAND INFRAPOWER LTD.	7	6	85.71
80	KAMARAJAR PORT LTD.	304916	117197	38.44
81	KANTI BIJLEE UTPADAN NIGAM LTD.	480332	371369	77.32
82	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	9291	2324	25.01
83	KARNATAKA TRADE PROMOTION ORGANISATION	3167	2000	63.15
84	KARNATAKA VIJAY NAGAR STEEL LTD.	64178	10	0.02
85	KODERMA TRANSMISSION LTD.	15	5	33.33
86	KOLKATA METRO RAIL CORPORATION LTD.	525270	476031	90.63
87	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	14205	11769	82.85
88	MADRAS FERTILIZERS LTD.	24110	24076	99.86
89	MAHANADI BASIN POWER LTD.	1777	5	0.28
90	MAHANADI COAL RAILWAY LTD.	3759	5	0.13
91	MAHANADI COALFIELDLS LTD.	944537	66755	7.07
92	MAHANAGAR TELEPHONE NIGAM LTD.	2838674	1210215	42.63
93	MANDAR TRANSMISSION LTD.	15	5	33.33

S. No.	CPSE	Gross Block + Capital WIP	Internal Resources Utilised	% of Internal Resources Utilised to Fixed Assets
94	MANGALORE REFINERY & PETROCHEMICALS LTD.	1773577	497396	28.04
95	MAZAGON DOCK SHIPBUILDERS LTD.	100789	22410	22.23
96	MECON LTD.	17684	4014	22.7
97	MINERAL EXPLORATION CORPN. LTD.	12799	11955	93.41
98	MISHRA DHATU NIGAM LTD.	67445	34401	51.01
99	MOIL LTD.	124894	25761	20.63
100	MUMBAI RAILWAY VIKAS CORPORATION LTD.	5735	2500	43.59
101	NABINAGAR POWER GENERATING COMPANY LTD.	1422470	1316216	92.53
102	NATIONAL ALUMINIUM COMPANY LTD.	999813	93281	9.33
103	NATIONAL FERTILIZERS LTD.	524901	77020	14.67
104	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1971	1900	96.4
105	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	29690	200	0.67
106	NATIONAL SEEDS CORPN. LTD.	34851	5810	16.67
107	NBCC SERVICES LTD.	1987	200	10.07
108	NEYVELI UTTAR PRADESH POWER LTD	525800	489140	93.03
109	NHPC LTD.	4450255	2708966	60.87
110	NLC INDIA LTD.	2338118	970315	41.5
111	NLC TAMIL NADU POWER LTD.	709683	505045	71.16
112	NMDC Ltd.	1747383	30619	1.75
113	NMDC-CMDC LTD.	21331	19284	90.4
114	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1715216	1022863	59.63
115	NORTHERN COALFIELDS LTD.	715453	63094	8.82
116	NTPC LTD.	24460589	12959264	52.98
117	NUCLEAR POWER CORPN. OF INDIA LTD.	7383871	4996206	67.66
118	NUMALIGARH REFINERY LTD.	385945	73563	19.06
119	ODISHA INFRAPOWER LTD.	29	28	96.55
120	OIL & NATURAL GAS CORPORATION LTD.	21654725	629015	2.9
121	OIL INDIA LTD.	1840570	835119	45.37
122	ONGC MANGALORE PETROCHEMICALS LTD.	683645	284248	41.58
123	ONGC VIDESH LTD.	11526656	6520800	56.57
124	ORISSA INTEGRATED POWER LTD.	37156	17418	46.88
125	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	11137	60	0.54
126	PAWAN HANS LTD.	107183	55748	52.01
127	PFC CONSULTING LTD.	528	5	0.95
128	PONDICHERRY ASHOK HOTEL CORPN. LTD.	416	160	38.46
129	POWER GRID CORPORATION OF INDIA LTD.	23137077	13627110	58.9
130	POWER GRID JABALPUR TRANSMISSION LTD.	148338	146273	98.61
131	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	146709	126979	86.55
132	POWER GRID PARLI TRANSMISSION LTD.	181616	160900	88.59
133	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	340960	322306	94.53
134	POWER GRID WARORA TRANSMISSION LTD.	219220	189330	86.37
135	POWER SYSTEM OPERATION CORPORATION LTD.	20200	3064	15.17
136	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	630	465	73.81
137	POWERGRID KALA AMB TRANSMISSION LTD.	31907	25628	80.32
138	POWERGRID NM TRANSMISSION LTD.	134775	129602	96.16
139	POWERGRID UNCHAHAR TRANSMISSION LTD.	7293	5528	75.8
140	POWERGRID VIZAG TRANSMISSION LTD.	131097	111423	84.99

S. No.	CPSE	Gross Block + Capital WIP	Internal Resources Utilised	% of Internal Resources Utilised to Fixed Assets
141	PROJECTS & DEVELOPMENT INDIA LTD.	4859	1730	35.6
142	PUNJAB ASHOK HOTEL COMPANY LTD.	307	249	81.11
143	RAILTEL CORPORATION INDIA LTD.	215609	32094	14.89
144	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	15960	10993	68.88
145	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	5055	1409	27.87
146	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	556	490	88.13
147	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	279885	97680	34.9
148	RASHTRIYA ISPAT NIGAM LTD.	3424646	1419911	41.46
149	REC POWER DISTRIBUTION CO. LTD.	619	29	4.68
150	REC TRANSMISSION PROJECTS CO. LTD.	68	5	7.35
151	rites LTD.	46853	20000	42.69
152	SAIL REFRACTORY COMPANY LTD.	2703	10	0.37
153	SAMBHAR SALTS LTD.	4786	1363	28.48
154	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	177862	106424	59.84
155	SHIPPING CORPORATION OF INDIA LTD.	1560255	299246	19.18
156	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	208	1	0.48
157	SJVN LTD.	1056638	587026	55.56
158	SJVN THERMAL PVT. LTD.	53919	43668	80.99
159	SOUTH EASTERN COALFIELDS LTD.	1093070	66806	6.11
160	STATE TRADING CORPN. OF INDIA LTD.	62649	6000	9.58
161	STCL LTD.	385	150	38.96
162	STEEL AUTHORITY OF INDIA LTD.	11746819	3493319	29.74
163	TAMIL NADU TRADE PROMOTION ORGANISATION	6057	1	0.02
164	TCIL LAKHNADONE TOLL ROAD LTD.	9163	9038	98.64
165	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	18363	5920	32.24
166	THDC INDIA LTD.	1735757	631089	36.36
167	THE COTTON CORPN. OF INDIA LTD.	2730	2500	91.58
168	URANIUM CORPORATION OF INDIA LTD.	296210	206962	69.87
169	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	167	1	0.6
170	VIGNYAN INDUSTRIES LTD.	1003	279	27.82
171	WESTERN COALFIELDS LTD.	664462	29710	4.47
GRAND TOTAL :		210466683	73744118	35.04

STATEMENT - 20
FOREIGN EXCHANGE EARNINGS OF CPSEs IN 2018-19

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
COAL							
1	MAHANADI COALFIELD LTD.	2017-18	0	0	0	0	0
		2018-19	0	0	0	20	20
SUB TOTAL :		2017-18	0	0	0	0	0
		2018-19	0	0	0	20	20
CRUDE OIL							
2	BHARAT PETRO RESOURCES LTD.	2017-18	4893	0	0	0	4893
		2018-19	3540	0	0	0	3540
3	OIL & NATURAL GAS CORPORATION LTD.	2017-18	336442	8264	0	10539	355245
		2018-19	294085	28680	0	19477	342242
4	OIL INDIA LTD.	2017-18	0	0	3943	1341	5284
		2018-19	0	0	0	5981	5981
5	ONGC VIDESH LTD.	2017-18	763986	0	34686	39684	838356
		2018-19	1156748	0	66713	36460	1259921
SUB TOTAL :		2017-18	1105321	8264	38629	51564	1203778
		2018-19	1454373	28680	66713	61918	1611684
OTHER MINERALS & METALS							
6	HINDUSTAN COPPER LTD.	2017-18	34069	0	0	0	34069
		2018-19	84267	0	0	0	84267
7	IREL (INDIA) LTD.	2017-18	27832	0	0	0	27832
		2018-19	40137	0	0	27	40164
8	KIOCL LTD.	2017-18	95959	0	0	0	95959
		2018-19	124698	0	0	0	124698
9	NATIONAL ALUMINIUM COMPANY LTD.	2017-18	355596	0	0	1779	357375
		2018-19	464494	0	0	244	464738
SUB TOTAL :		2017-18	513456	0	0	1779	515235
		2018-19	713596	0	0	271	713867
STEEL							
10	MISHRA DHATU NIGAM LTD.	2017-18	15	0	0	0	15
		2018-19	805	0	0	0	805
11	RASHTRIYA ISPAT NIGAM LTD.	2017-18	172335	0	0	1897	174232
		2018-19	130503	0	0	497	131000
12	STEEL AUTHORITY OF INDIA LTD.	2017-18	224370	0	0	0	224370
		2018-19	287264	0	0	0	287264
SUB TOTAL :		2017-18	396720	0	0	1897	398617
		2018-19	418572	0	0	497	419069
PETROLEUM (REFINERY & MARKETING)							
13	BHARAT PETROLEUM CORPN. LTD.	2017-18	1033465	0	3616	0	1037081
		2018-19	1294617	0	27432	0	1322049
14	HINDUSTAN PETROLEUM CORPN. LTD.	2017-18	250195	0	0	1079	251274
		2018-19	507590	0	0	21205	528795
15	INDIAN OIL CORPORATION LTD.	2017-18	2238167	32	0	6322	2244521
		2018-19	2215436	29	172	9817	2225454
16	MANGALORE REFINERY & PETROCHEMICALS LTD.	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.	2018-19	2217066	0	0	0	2217066
		2017-18	10972	0	0	0	10972
		2018-19	34752	0	0	0	34752
SUB TOTAL :		2017-18	4804391	32	3616	7401	4815440
		2018-19	6269461	29	27604	31022	6328116
FERTILIZERS							
18	NATIONAL FERTILIZERS LTD.	2017-18	0	0	0	173	173
		2018-19	0	0	0	510	510
		SUB TOTAL :		2017-18	0	0	0
		2018-19	0	0	0	510	510
CHEMICALS & PHARMACEUTICALS							
19	BRAHAMPUTRA CRACKERS & POLYMER LTD.	2017-18	0	0	0	0	0
		2018-19	563	0	0	0	563
20	HIL (INDIA) LTD.	2017-18	3172	0	0	0	3172
		2018-19	1012	0	0	0	1012
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2017-18	2397	0	0	0	2397
		2018-19	2782	0	0	0	2782
22	ONGC MANGALORE PETROCHEMICALS LTD.	2017-18	463152	0	0	0	463152
		2018-19	707043	0	0	0	707043
		SUB TOTAL :		2017-18	468721	0	0
		2018-19	711400	0	0	0	711400
HEAVY & MEDIUM ENGINEERING							
23	BALMER LAWRIE & CO. LTD.	2017-18	1927	0	1471	6685	10083
		2018-19	1831	0	1688	3994	7513
24	BEL-THALES SYSTEMS LTD.	2017-18	0	0	0	17	17
		2018-19	0	0	0	99	99
25	BHARAT DYNAMICS LTD.	2017-18	8337	0	0	4	8341
		2018-19	6647	0	0	1013	7660
26	BHARAT ELECTRONICS LTD.	2017-18	5140	0	0	2860	8000
		2018-19	6595	0	0	3728	10323
27	BHARAT HEAVY ELECTRICALS LTD.	2017-18	18244	0	0	112636	130880
		2018-19	223192	0	0	155528	378720
28	CENTRAL ELECTRONICS LTD.	2017-18	212	0	0	0	212
		2018-19	74	0	0	0	74
29	COCHIN SHIPYARD LTD.	2017-18	0	0	0	497	497
		2018-19	0	0	0	0	0
30	ELECTRONICS CORPN. OF INDIA LTD.	2017-18	189	0	0	0	189
		2018-19	0	0	0	0	0
31	GOA SHIPYARD LTD.	2017-18	17793	0	0	0	17793
		2018-19	14228	0	0	0	14228
32	HINDUSTAN AERONAUTICS LTD.	2017-18	30357	0	0	1045	31402
		2018-19	40065	0	0	439	40504
33	HMT LTD.	2017-18	4	0	0	0	4
		2018-19	0	0	0	0	0
34	HMT MACHINE TOOLS LTD.	2017-18	50	0	0	0	50
		2018-19	238	0	0	0	238

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
35	INSTRUMENTATION LTD.	2017-18	14	0	0	0	14
		2018-19	14	0	0	0	14
36	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	2017-18	19	0	0	2	21
		2018-19	4	0	0	0	4
SUB TOTAL :		2017-18	82286	0	1471	123746	207503
		2018-19	292888	0	1688	164801	459377
TRANSPORATATION VEHICLE & EQUIPMENT							
37	BEML LTD.	2017-18	2252	0	0	0	2252
		2018-19	1876	0	0	35216	37092
SUB TOTAL :		2017-18	2252	0	0	0	2252
		2018-19	1876	0	0	35216	37092
INDUSTRIAL AND CONSUMER GOODS							
38	ANDREW YULE & COMPANY LTD.	2017-18	363	0	0	0	363
		2018-19	223	0	0	0	223
39	HLL LIFECARE LTD.	2017-18	0	0	0	241	241
		2018-19	7268	0	0	756	8024
SUB TOTAL :		2017-18	363	0	0	241	604
		2018-19	7491	0	0	756	8247
TEXTILES							
40	NATIONAL TEXTILE CORPN. LTD.	2017-18	7300	0	0	0	7300
		2018-19	4796	0	0	0	4796
SUB TOTAL :		2017-18	7300	0	0	0	7300
		2018-19	4796	0	0	0	4796
POWER GENERATION							
41	NTPC LTD.	2017-18	0	201	0	0	201
		2018-19	0	130	0	0	130
SUB TOTAL :		2017-18	0	201	0	0	201
		2018-19	0	130	0	0	130
POWER TRANSMISSION							
42	POWER GRID CORPORATION OF INDIA LTD.	2017-18	0	2601	0	0	2601
		2018-19	0	2489	0	0	2489
SUB TOTAL :		2017-18	0	2601	0	0	2601
		2018-19	0	2489	0	0	2489
TRADING & MARKETING							
43	ANTRIX CORPORATION LTD.	2017-18	5	21141	0	306	21452
		2018-19	7	0	0	32369	32376
44	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2017-18	225	0	0	2161	2386
		2018-19	296	0	0	1961	2257
45	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	2017-18	2020	0	0	7	2027
		2018-19	1994	0	0	19	2013
46	HMT (INTERNATIONAL) LTD.	2017-18	213	0	0	0	213
		2018-19	235	0	0	0	235
47	INDIA TRADE PROMOTION ORGANISATION	2017-18	0	0	0	0	0
		2018-19	0	0	0	1060	1060

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
48	M M T C LTD.	2017-18	179537	0	0	158	179695
		2018-19	110392	0	0	0	110392
49	M S T C LTD.	2017-18	0	0	0	1	1
		2018-19	0	0	0	4	4
50	NATIONAL FILM DEV. CORPN. LTD.	2017-18	40	0	0	0	40
		2018-19	67	0	0	0	67
51	NTPC VIDYUT VYAPAR NIGAM LTD.	2017-18	99936	0	0	0	99936
		2018-19	157159	0	0	0	157159
52	P E C LTD.	2017-18	314	0	0	0	314
		2018-19	5187	0	0	0	5187
53	STATE TRADING CORPN. OF INDIA LTD.	2017-18	1521	0	0	15	1536
		2018-19	1395	0	0	0	1395
54	TAMIL NADU TRADE PROMOTION ORGANISATION	2017-18	0	0	0	1252	1252
		2018-19	0	0	0	1060	1060
55	THE COTTON CORPN. OF INDIA LTD.	2017-18	0	0	0	0	0
		2018-19	5182	0	0	262	5444
SUB TOTAL :		2017-18	283811	21141	0	3900	308852
		2018-19	281914	0	0	36735	318649
TRANSPORT AND LOGISTIC SERVICES							
56	AIR INDIA AIR TRANSPORT SERVICES LTD.	2017-18	0	0	0	25862	25862
		2018-19	0	0	0	0	0
57	AIR INDIA LTD.	2017-18	0	0	1837	1052282	1054119
		2018-19	0	0	3901	1404210	1408111
58	AIRPORTS AUTHORITY OF INDIA	2017-18	0	0	0	111136	111136
		2018-19	0	0	0	113760	113760
59	GAIL (INDIA) LTD.	2017-18	39116	0	6427	129165	174708
		2018-19	87410	28	11612	1381450	1480500
60	SHIPPING CORPORATION OF INDIA LTD.	2017-18	339644	0	6333	0	345977
		2018-19	389023	0	1753	12751	403527
SUB TOTAL :		2017-18	378760	0	14597	1318445	1711802
		2018-19	476433	28	17266	2912171	3405898
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES							
61	AGRINNOVATE INDIA LTD.	2017-18	0	0	0	4	4
		2018-19	0	0	0	0	0
62	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2017-18	5	0	0	36	41
		2018-19	1	0	0	65	66
63	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	2017-18	0	0	0	56	56
		2018-19	0	0	0	31	31
64	EdCIL(India) Ltd.	2017-18	0	0	0	0	0
		2018-19	3975	0	0	53	4028
65	ENGINEERING PROJECTS (INDIA) LTD.	2017-18	0	0	7	79692	79699
		2018-19	111615	0	53	92	111760
66	ENGINEERS INDIA LTD.	2017-18	0	22584	0	0	22584
		2018-19	0	17985	0	0	17985

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
67	HLL INFRA TECH SERVICES LTD.	2017-18	0	221	0	0	221
		2018-19	0	151	0	0	151
68	IRCON INFRASTRUCTURE & SERVICES LTD.	2017-18	0	192	0	4	196
		2018-19	0	51	0	25	76
69	IRCON INTERNATIONAL LTD.	2017-18	43707	0	601	738	45046
		2018-19	61175	343	0	2444	63962
70	MECON LTD.	2017-18	0	14	0	0	14
		2018-19	0	462	0	0	462
71	NBCC (INDIA) LTD.	2017-18	0	0	0	0	0
		2018-19	0	0	0	1367	1367
72	PROJECTS & DEVELOPMENT INDIA LTD.	2017-18	0	106	0	0	106
		2018-19	0	226	0	0	226
73	rites LTD.	2017-18	23161	7535	3	51	30750
		2018-19	20667	7099	3	48	27817
74	WAPCOS LTD.	2017-18	0	14451	25	1103	15579
		2018-19	16792	0	0	343	17135
SUB TOTAL :		2017-18	66873	45103	636	81684	194296
		2018-19	214225	26317	56	4468	245066
HOTEL AND TOURIST SERVICES							
75	INDIA TOURISM DEV. CORPN. LTD.	2017-18	1492	0	0	35	1527
		2018-19	1824	0	0	41	1865
76	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2017-18	0	0	0	3759	3759
		2018-19	0	0	0	3354	3354
SUB TOTAL :		2017-18	1492	0	0	3794	5286
		2018-19	1824	0	0	3395	5219
FINANCIAL SERVICES							
77	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	2017-18	0	0	0	1182	1182
		2018-19	0	0	0	2795	2795
78	E. C. G. C. LTD.	2017-18	12142	0	0	0	12142
		2018-19	0	0	0	10728	10728
79	HOUSING & URBAN DEV. CORPN. LTD.	2017-18	0	0	0	0	0
		2018-19	0	0	299	0	299
80	INDIA INFRASTRUCTURE FINANCE CO. LTD.	2017-18	0	0	0	0	0
		2018-19	0	0	0	37958	37958
81	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	2017-18	0	0	161	0	161
		2018-19	0	0	228	0	228
82	REC LTD.	2017-18	0	0	16	0	16
		2018-19	0	0	0	0	0
SUB TOTAL :		2017-18	12142	0	177	1182	13501
		2018-19	0	0	527	51481	52008
TELECOMMUNICATION & INFORMATION TECHNOLOGY							
83	BHARAT SANCHAR NIGAM LTD.	2017-18	0	0	0	12706	12706
		2018-19	0	0	0	7492	7492

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
84	MAHANAGAR TELEPHONE NIGAM LTD.	2017-18	0	0	0	280	280
		2018-19	417	0	0	0	417
85	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	2017-18	0	0	0	2270	2270
		2018-19	0	0	0	6150	6150
	SUB TOTAL :	2017-18	0	0	0	15256	15256
		2018-19	417	0	0	13642	14059
	GRAND TOTAL :	2017-18	8123888	77342	59126	1611062	9871418
		2018-19	10849266	57673	113854	3316903	14337696

STATEMENT - 21
NUMBER OF EMPLOYEES AND HOUSES CONSTRUCTED IN CPSEs

S.No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2019	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2019
AGRO BASED INDUSTRIES					
1	HPCL BIOFUELS LTD.	729	0	0	0
2	NATIONAL SEEDS CORPN. LTD.	1441	0	0	0
SUB TOTAL :		2170	0	0	0
COAL					
3	BHARAT COKING COAL LTD.	46019	57228	8213	65441
4	CENTRAL COALFIELDS LTD.	39222	67876	44	67920
5	COAL INDIA LTD.	1870	3219	0	3219
6	EASTERN COALFIELDS LTD.	59698	91180	0	91180
7	MAHANADI COALFIELDLS LTD.	22352	15580	1121	16701
8	NORTHERN COALFIELDS LTD.	14456	16159	0	16159
9	SOUTH EASTERN COALFIELDS LTD.	54816	69330	0	69330
10	WESTERN COALFIELDS LTD.	43045	0	0	0
SUB TOTAL :		281478	320572	9378	329950
CRUDE OIL					
11	BHARAT PETRO RESOURCES LTD.	7	0	0	0
12	OIL & NATURAL GAS CORPORATION LTD.	31065	0	0	0
13	OIL INDIA LTD.	7097	0	0	0
14	ONGC VIDESH LTD.	2047	0	0	0
15	PRIZE PETROLEUM COMPANY LTD.	15	0	0	0
SUB TOTAL :		40231	0	0	0
OTHER MINERALS & METALS					
16	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	42	0	0	0
17	HINDUSTAN COPPER LTD.	2195	12191	0	12191
18	IREL (INDIA) LTD.	1378	15	0	15
19	J & K MINERAL DEVELOPMENT CORPN. LTD.	4	0	0	0
20	KIOCL LTD.	841	2142	0	2142
21	MOIL LTD.	6048	0	0	0
22	NATIONAL ALUMINIUM COMPANY LTD.	6496	7868	12	7880
23	NMDC Ltd.	5887	7419	1936	9355
24	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	466	0	0	0
25	THE BISRA STONE LIME COMPANY LTD.	656	0	0	0
26	URANIUM CORPORATION OF INDIA LTD.	4730	0	0	0
SUB TOTAL :		28743	29635	1948	31583
STEEL					
27	FERRO SCRAP NIGAM LTD.	751	0	0	0
28	MISHRA DHATU NIGAM LTD.	792	0	0	0
29	RASHTRIYA ISPAT NIGAM LTD.	17574	8575	0	8575
30	STEEL AUTHORITY OF INDIA LTD.	72339	0	0	0
SUB TOTAL :		91456	8575	0	8575
PETROLEUM (REFINERY & MARKETING)					
31	BHARAT PETROLEUM CORPN. LTD.	11971	2195	193	2388
32	CHENNAI PETROLEUM CORPORATION LTD.	1726	0	0	0
33	HINDUSTAN PETROLEUM CORPN. LTD.	10239	28	6	34
34	INDIAN OIL CORPORATION LTD.	33498	18676	297	18973

S.No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2019	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2019
35	MANGALORE REFINERY & PETROCHEMICALS LTD.	1943	804	0	804
36	NUMALIGARH REFINERY LTD.	877	0	0	0
SUB TOTAL :		60254	21703	496	22199
FERTILIZERS					
37	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	595	2799	0	2799
38	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1769	0	0	0
39	HINDUSTAN FERTILIZER CORPN. LTD.	1	0	0	0
40	MADRAS FERTILIZERS LTD.	593	0	0	0
41	NATIONAL FERTILIZERS LTD.	3333	4790	0	4790
42	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	3112	3024	0	3024
43	THE FERTILIZER CORPN. OF INDIA LTD.	4	0	0	0
SUB TOTAL :		9407	10613	0	10613
CHEMICALS & PHARMACEUTICALS					
44	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	195	0	0	0
45	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	112	0	0	0
46	BRAHMAPUTRA CRACKERS & POLYMER LTD.	622	329	0	329
47	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	176	0	0	0
48	HIL (INDIA) LTD.	774	429	0	429
49	HINDUSTAN ANTIBIOTICS LTD.	918	979	0	979
50	HINDUSTAN FLUOROCARBONS LIMITED	100	0	0	0
51	HINDUSTAN ORGANIC CHEMICALS LTD.	295	184	0	184
52	HLL BIOTECH LTD.	168	0	0	0
53	IDPL (TAMILNADU) LTD.	112	0	0	0
54	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	461	0	0	0
55	INDIAN VACCINE CORP. LTD.	3	0	0	0
56	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	658	0	0	0
57	ONGC MANGALORE PETROCHEMICALS LTD.	465	0	0	0
SUB TOTAL :		5059	1921	0	1921
HEAVY & MEDIUM ENGINEERING					
58	BALMER LAWRIE & CO. LTD.	1069	0	0	0
59	BEL OPTRONICS DEVICES LTD.	137	0	0	0
60	BEL-THALES SYSTEMS LTD.	15	0	0	0
61	BHARAT DYNAMICS LTD.	3034	1449	0	1449
62	BHARAT ELECTRONICS LTD.	9612	2407	256	2663
63	BHARAT HEAVY ELECTRICALS LTD.	35471	18650	33	18683
64	BHARAT PUMPS & COMPRESSORS LTD.	218	0	0	0
65	BHEL ELECTRICAL MACHINES LTD.	156	0	0	0
66	BRAITHWAITE & CO. LTD.	241	0	0	0
67	CENTRAL ELECTRONICS LTD.	366	0	0	0
68	COCHIN SHIPYARD LTD.	1766	120	104	224
69	ELECTRONICS CORPN. OF INDIA LTD.	1894	60	0	60
70	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2100	0	0	0
71	GOA SHIPYARD LTD.	1382	74	0	74
72	HEAVY ENGINEERING CORPN. LTD.	1502	0	0	0
73	HINDUSTAN AERONAUTICS LTD.	28639	0	0	0

S.No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2019	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2019
74	HINDUSTAN SHIPYARD LTD.	1028	0	0	0
75	HMT LTD.	101	1112	0	1112
76	HMT MACHINE TOOLS LTD.	1246	0	0	0
77	HOOGHLY DOCK AND PORT ENGINEERS LTD.	43	0	0	0
78	I T I LTD.	3520	6612	0	6612
79	INSTRUMENTATION LTD.	712	718	0	718
80	MAZAGON DOCK SHIPBUILDERS LTD.	4412	314	0	314
81	NAINI AEROSPACE LTD.	145	0	0	0
82	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	239	0	0	0
83	RICHARDSON & CRUDDAS(1972) LTD.	11	0	0	0
84	SAIL REFRACTORY COMPANY LTD.	147	74	0	74
85	SCOOTERS INDIA LTD.	121	0	0	0
86	VIGNYAN INDUSTRIES LTD.	92	0	0	0
SUB TOTAL :		99419	31590	393	31983
TRANSPORATATION VEHICLE & EQUIPMENT					
87	BEML LTD.	7185	2488	0	2488
SUB TOTAL :		7185	2488	0	2488
INDUSTRIAL AND CONSUMER GOODS					
88	ANDREW YULE & COMPANY LTD.	14722	0	0	0
89	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	295	0	24	24
90	CEMENT CORPN. OF INDIA LTD.	554	0	0	0
91	HINDUSTAN NEWSPRINT LTD.	406	0	0	0
92	HINDUSTAN SALTS LTD.	93	0	0	0
93	HLL LIFECARE LTD.	1577	0	0	0
94	HOOGHLY PRINTING COMPANY LTD.	41	0	0	0
95	NAGALAND PULP & PAPER COMPANY LTD.	181	0	0	0
96	NEPA LTD.	370	2164	0	2164
97	SAMBHAR SALTS LTD.	87	0	0	0
98	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	8918	6301	0	6301
SUB TOTAL :		27244	8465	24	8489
TEXTILES					
99	BRITISH INDIA CORPORATION LTD.	1209	0	0	0
100	NATIONAL TEXTILE CORPN. LTD.	9023	170	0	170
SUB TOTAL :		10232	170	0	170
POWER GENERATION					
101	BHARTIYA RAIL BIJLEE CO. LTD.	248	0	0	0
102	KANTI BIJLEE UTPADAN NIGAM LTD.	223	0	0	0
103	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	14	0	0	0
104	NHDC LTD.	540	2025	0	2025
105	NHPC LTD.	6753	9000	144	9144
106	NLC INDIA LTD.	13110	19756	0	19756
107	NLC TAMIL NADU POWER LTD.	219	247	0	247
108	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	2342	1537	2	1539
109	NTPC LTD.	20244	0	0	0
110	NUCLEAR POWER CORPN. OF INDIA LTD.	11233	11810	40	11850
111	PATRATU VIDYUT UTPADAN NIGAM LTD.	125	0	0	0

S.No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2019	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2019
112	SJVN LTD.	1585	1884	24	1908
113	THDC INDIA LTD.	1891	2130	27	2157
SUB TOTAL :		58527	48389	237	48626
POWER TRANSMISSION					
114	POWER GRID CORPORATION OF INDIA LTD.	9255	6739	672	7411
115	POWER SYSTEM OPERATION CORPORATION LTD.	550	0	0	0
116	REC POWER DISTRIBUTION CO. LTD.	49	0	0	0
SUB TOTAL :		9854	6739	672	7411
TRADING & MARKETING					
117	ANTRIX CORPORATION LTD.	69	0	0	0
118	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	255	3	0	3
119	FOOD CORPN. OF INDIA	21847	0	0	0
120	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	82	67	0	67
121	HMT (INTERNATIONAL) LTD.	25	0	0	0
122	INDIA TRADE PROMOTION ORGANISATION	668	0	0	0
123	KARNATAKA TRADE PROMOTION ORGANISATION	1	0	0	0
124	M M T C LTD.	950	0	0	0
125	M S T C LTD.	357	0	0	0
126	NATIONAL FILM DEV. CORPN. LTD.	75	0	0	0
127	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	191	0	0	0
128	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	48	0	0	0
129	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	26	0	0	0
130	NTPC VIDYUT VYAPAR NIGAM LTD.	34	0	0	0
131	P E C LTD.	82	0	0	0
132	STATE TRADING CORPN. OF INDIA LTD.	441	0	0	0
133	STCL LTD.	11	0	0	0
134	TAMIL NADU TRADE PROMOTION ORGANISATION	6	0	0	0
135	THE COTTON CORPN. OF INDIA LTD.	737	0	0	0
136	THE JUTE CORPN. OF INDIA LTD.	210	0	0	0
SUB TOTAL :		26115	70	0	70
TRANSPORT AND LOGISTIC SERVICES					
137	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	11	0	0	0
138	AIR INDIA AIR TRANSPORT SERVICES LTD.	7242	0	0	0
139	AIR INDIA ENGINEERING SERVICES LTD.	4440	0	0	0
140	AIR INDIA EXPRESS LTD.	1348	0	0	0
141	AIR INDIA LTD.	9989	0	0	0
142	AIRLINE ALLIED SERVICES LTD.	668	0	0	0
143	AIRPORTS AUTHORITY OF INDIA	17266	0	0	0
144	BPCL-KIAL FUEL FARM PVT. LTD.	3	0	0	0
145	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	54	0	0	0
146	CENTRAL WAREHOUSING CORPN.	3042	0	0	0
147	CHANDIGARH INTERNATIONAL AIRPORT LTD.	28	0	0	0
148	CONTAINER CORPORATION OF INDIA LTD.	1459	61	0	61

S.No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2019	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2019
149	FRESH & HEALTHY ENTERPRISES LTD.	4	0	0	0
150	GAIL (INDIA) LTD.	4530	2554	36	2590
151	KAMARAJAR PORT LTD.	108	0	0	0
152	PAWAN HANS LTD.	414	0	0	0
153	SHIPPING CORPORATION OF INDIA LTD.	683	0	0	0
154	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	8	0	0	0
SUB TOTAL :		51297	2615	36	2651
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES					
155	AGRINNOVATE INDIA LTD.	2	0	0	0
156	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	237	0	0	0
157	BRIDGE & ROOF CO.(INDIA) LTD.	1206	0	0	0
158	BROADCAST ENGG. CONSULTANTS INDIA LTD.	68	0	0	0
159	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3286	0	0	0
160	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	70	0	0	0
161	EdCIL(India) Ltd.	115	0	0	0
162	ENGINEERING PROJECTS (INDIA) LTD.	327	0	0	0
163	ENGINEERS INDIA LTD.	2768	0	0	0
164	HINDUSTAN PREFAB LTD.	193	0	0	0
165	HINDUSTAN STEELWORKS COSTN. LTD.	22	2753	0	2753
166	HLL INFRA TECH SERVICES LTD.	152	0	0	0
167	HSCC (INDIA) LTD.	177	0	0	0
168	IIFCL PROJECTS LTD.	15	0	0	0
169	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	1	0	0	0
170	IRCON INFRASTRUCTURE & SERVICES LTD.	78	0	0	0
171	IRCON INTERNATIONAL LTD.	1576	0	0	0
172	IRCON PB TOLLWAY LTD.	9	0	0	0
173	IRCON SHIVPURI GUNA TOLLWAY LTD.	7	0	0	0
174	IRCON VADODARA KIM EXPRESSWAY LTD.	2	0	0	0
175	KONKAN RAILWAY CORPORATION LTD.	5369	1394	0	1394
176	MECON LTD.	1284	1937	0	1937
177	MINERAL EXPLORATION CORPN. LTD.	1023	175	0	175
178	MUMBAI RAILWAY VIKAS CORPORATION LTD.	292	0	0	0
179	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	72	0	0	0
180	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	664	0	0	0
181	NATIONAL RESEARCH DEVELOPMENT CORPN.	59	0	0	0
182	NATIONAL SMALL INDUSTRIES CORPN. LTD.	794	0	0	0
183	NBCC (INDIA) LTD.	1847	0	0	0
184	NBCC ENGINEERING AND CONSULTANCY LTD.	25	0	0	0
185	PROJECTS & DEVELOPMENT INDIA LTD.	329	60	0	60
186	RAIL VIKAS NIGAM LTD.	545	0	0	0
187	rites LTD.	2178	0	0	0
188	SOLAR ENERGY CORPORATION OF INDIA	70	0	0	0
189	TCIL BINA TOLL ROAD LTD.	33	0	0	0
190	WAPCOS LTD.	1023	0	0	0
SUB TOTAL :		25918	6319	0	6319

S.No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2019	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2019
	HOTEL AND TOURIST SERVICES				
191	HOTEL CORPN. OF INDIA LTD.	662	0	0	0
192	INDIA TOURISM DEV. CORPN. LTD.	910	0	0	0
193	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1445	0	0	0
194	PONDICHERRY ASHOK HOTEL CORPN. LTD.	15	0	0	0
195	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	32	0	0	0
SUB TOTAL :		3064	0	0	0
	FINANCIAL SERVICES				
196	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	42	0	0	0
197	E. C. G. C. LTD.	606	0	0	0
198	EASTERN INVESTMENT LTD.	3	0	0	0
199	HOUSING & URBAN DEV. CORPN. LTD.	827	0	0	0
200	IIFCL ASSET MANAGEMENT COMPANY LTD.	6	0	0	0
201	INDIA INFRASTRUCTURE FINANCE CO. LTD.	85	0	0	0
202	INDIAN RAILWAY FINANCE CORPORATION LTD.	24	0	0	0
203	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	165	0	0	0
204	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	17	0	0	0
205	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	3	0	0	0
206	NATIONAL BACKWARD CLASSES FINANCE & DEVP. CO.	50	0	0	0
207	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	36	0	0	0
208	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	30	0	0	0
209	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	22	0	0	0
210	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	79	0	0	0
211	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	51	0	0	0
212	POWER FINANCE CORPORATION LTD.	496	0	0	0
213	REC LTD.	487	0	0	0
SUB TOTAL :		3029	0	0	0
	TELECOMMUNICATION & INFORMATION TECHNOLOGY				
214	BHARAT BROADBAND NETWORK LTD.	128	0	0	0
215	BHARAT SANCHAR NIGAM LTD.	166974	0	0	0
216	MAHANAGAR TELEPHONE NIGAM LTD.	21704	0	0	0
217	RAILTEL CORPORATION INDIA LTD.	725	0	0	0
218	RAILTEL ENTERPRISES LTD.	17	0	0	0
219	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	819	0	0	0
SUB TOTAL :		190367	0	0	0
	ENTERPRISES UNDER CONSTRUCTION				
220	BHARAT GAS RESOURCES LTD,	34	0	0	0
221	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	472	630	0	630
222	BUNDELKHAND SAUR URJA LTD.	6	0	0	0
223	CHHATTISGARH EAST RAILWAYS LTD.	12	0	0	0

S.No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2019	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2019
224	CHHATTISGARH EAST-WEST RAILWAYS LTD.	12	0	0	0
225	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	791	0	0	0
226	HLL MEDIPARK LTD	7	0	0	0
227	KOLKATA METRO RAIL CORPORATION LTD.	8	0	0	0
228	MAHANADI BASIN POWER LTD.	4	0	0	0
229	MAHANADI COAL RAILWAY LTD.	5	0	0	0
230	MJSJ COAL LTD.	5	0	0	0
231	MNH SHAKTI LTD.	4	0	0	0
232	NABINAGAR POWER GENERATING COMPANY LTD.	223	128	348	476
233	NEYVELI UTTAR PRADESH POWER LTD	136	0	201	201
234	NMDC-CMDC LTD.	2	0	0	0
235	SAGARMALA DEVELOPMENT COMPANY LTD.	2	0	0	0
236	SETHUSAMUDRAM CORPN. LTD.	8	0	0	0
237	SJVN THERMAL PVT. LTD.	66	0	0	0
SUB TOTAL :		1797	758	549	1307
GRAND TOTAL :		1032846	500622	13733	514355

STATEMENT - 22
BREAK-UP OF TOTAL EMPLOYEES AS ON 31.3.2019

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
AGRO BASED INDUSTRIES									
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	0	0	0	0	0	0	0	0
2	HPCL BIOFUELS LTD.	30	0	96	603	0	0	332	1061
3	NATIONAL SEEDS CORPN. LTD.	235	0	56	573	577	221	0	1662
SUB TOTAL :		265	0	152	1176	577	221	332	2723
COAL									
4	BHARAT COKING COAL LTD.	2091	5062	0	17049	21817	0	4889	50908
5	CENTRAL COALFIELDS LTD.	2350	3165	0	12737	20970	3	3595	42820
6	COAL INDIA LTD.	506	240	0	564	560	0	1303	3173
7	EASTERN COALFIELDS LTD.	2084	4097	0	22292	31225	0	8654	68352
8	MAHANADI COALFIELDLS LTD.	1819	3351	0	7962	9220	15362	17511	55225
9	NORTHERN COALFIELDS LTD.	1759	2645	0	9178	874	0	14179	28635
10	SOUTH EASTERN COALFIELDS LTD.	2995	9327	0	26191	16303	0	0	54816
11	WESTERN COALFIELDS LTD.	2393	7124	435	17811	15282	0	0	43045
SUB TOTAL :		15997	35011	435	113784	116251	15365	50131	346974
CRUDE OIL									
12	BHARAT PETRO RESOURCES LTD.	7	0	0	0	0	0	8	15
13	OIL & NATURAL GAS CORPORATION LTD.	20259	1515	0	7226	2065	240	21106	52411
14	OIL INDIA LTD.	1649	1036	0	2977	1435	0	4745	11842
15	ONGC VIDESH LTD.	1515	532	0	0	0	0	183	2230
16	PRIZE PETROLEUM COMPANY LTD.	15	0	0	0	0	0	9	24
SUB TOTAL :		23445	3083	0	10203	3500	240	26051	66522
OTHER MINERALS & METALS									
17	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	26	0	0	13	3	0	108	150
18	HINDUSTAN COPPER LTD.	570	0	28	1093	504	0	4020	6215
19	IREL (INDIA) LTD.	431	0	0	628	319	11	759	2148
20	J & K MINERAL DEVELOPMENT CORPN. LTD.	1	0	0	1	2	0	1	5
21	KIOCL LTD.	225	0	36	543	37	0	464	1305
22	MOIL LTD.	339	0	131	1317	4261	0	0	6048
23	NATIONAL ALUMINIUM COMPANY LTD.	1782	594	0	3568	552	0	10783	17279
24	NMDC Ltd.	1507	0	129	3318	933	0	10342	16229
25	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	198	100	114	10	44	0	0	466
26	THE BISRA STONE LIME COMPANY LTD.	23	633	0	0	0	0	0	656
27	URANIUM CORPORATION OF INDIA LTD.	267	0	298	1471	2694	101	6	4837
SUB TOTAL :		5369	1327	736	11962	9349	112	26483	55338
STEEL									
28	FERRO SCRAP NIGAM LTD.	150	0	0	598	3	0	0	751
29	MISHRA DHATU NIGAM LTD.	257	0	65	252	218	446	2	1240

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.	5949	6147	8	3869	1601	0	18076	35650
31	STEEL AUTHORITY OF INDIA LTD.	11851	0	0	54523	5965	15	69121	141475
SUB TOTAL :		18207	6147	73	59242	7787	461	87199	179116
PETROLEUM (REFINERY & MARKETING)									
32	BHARAT PETROLEUM CORPN. LTD.	6182	0	0	4282	1507	0	22267	34238
33	CHENNAI PETROLEUM CORPORATION LTD.	855	0	0	871	0	0	3875	5601
34	HINDUSTAN PETROLEUM CORPN. LTD.	6187	0	0	3276	776	15	31298	41552
35	INDIAN OIL CORPORATION LTD.	17704	5503	0	9820	471	11	71219	104728
36	MANGALORE REFINERY & PETROCHEMICALS LTD.	873	0	0	1060	10	0	3050	4993
37	NUMALIGARH REFINERY LTD.	456	0	0	421	0	0	0	877
SUB TOTAL :		32257	5503	0	19730	2764	26	131709	191989
FERTILIZERS									
38	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	415	0	0	172	8	0	550	1145
39	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	627	0	0	924	218	340	927	3036
40	HINDUSTAN FERTILIZER CORPN. LTD.	0	1	0	0	0	0	0	1
41	MADRAS FERTILIZERS LTD.	393	0	0	186	14	0	371	964
42	NATIONAL FERTILIZERS LTD.	1637	0	0	1618	78	0	2778	6111
43	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	871	806	629	697	109	0	1197	4309
44	THE FERTILIZER CORPN. OF INDIA LTD.	0	0	4	0	0	0	0	4
SUB TOTAL :		3943	807	633	3597	427	340	5823	15570
CHEMICALS & PHARMACEUTICALS									
45	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	51	38	0	65	41	0	0	195
46	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	16	49	0	13	34	4	7	123
47	BRAHMAPUTRA CRACKERS & POLYMER LTD.	443	0	179	0	0	0	0	622
48	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	29	32	9	2	104	6	2	184
49	HIL (INDIA) LTD.	2	0	256	475	41	0	0	774
50	HINDUSTAN ANTIBIOTICS LTD.	174	6	0	535	203	0	50	968
51	HINDUSTAN FLUOROCARBONS LIMITED	60	0	0	16	24	22	7	129
52	HINDUSTAN ORGANIC CHEMICALS LTD.	111	0	33	130	21	24	43	362
53	HLL BIOTECH LTD.	104	0	33	31	0	0	14	182
54	IDPL (TAMILNADU) LTD.	7	0	0	32	73	0	91	203
55	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0	0	0	0
56	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	355	92	14	0	0	0	0	461

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non- Unionised	Skilled	Unskilled			
57	INDIAN VACCINE CORP. LTD.	0	1	0	0	2	0	2	5
58	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	225	0	0	211	222	0	350	1008
59	ONGC MANGALORE PETROCHEMICALS LTD.	169	0	0	251	45	0	525	990
60	ORISSA DRUGS & CHEMICALS LTD.	0	0	0	0	0	0	0	0
61	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0	0	0	0
SUB TOTAL :		1746	218	524	1761	810	56	1091	6206
HEAVY & MEDIUM ENGINEERING									
62	BALMER LAWRIE & CO. LTD.	469	0	212	72	316	0	273	1342
63	BEL OPTRONICS DEVICES LTD.	38	0	0	99	0	0	30	167
64	BEL-THALES SYSTEMS LTD.	15	0	0	0	0	0	15	30
65	BHARAT DYNAMICS LTD.	946	0	0	1830	258	1	88	3123
66	BHARAT ELECTRONICS LTD.	5840	0	228	3322	222	0	5157	14769
67	BHARAT HEAVY ELECTRICALS LTD.	10420	0	6861	17595	595	0	21344	56815
68	BHARAT PUMPS & COMPRESSORS LTD.	53	0	15	148	2	0	140	358
69	BHARAT WAGON & ENGG. CO. LTD.	0	0	0	0	0	0	22	22
70	BHEL ELECTRICAL MACHINES LTD.	15	0	5	119	17	0	27	183
71	BRAITHWAITE & CO. LTD.	40	17	12	172	0	26	250	517
72	BURN STANDARD COMPANY LTD.	0	0	0	0	0	0	0	0
73	CENTRAL ELECTRONICS LTD.	165	0	0	195	6	8	40	414
74	COCHIN SHIPYARD LTD.	340	0	152	1274	0	2350	695	4811
75	ELECTRONICS CORPN. OF INDIA LTD.	1421	0	0	345	128	0	0	1894
76	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	472	92	135	1150	251	0	0	2100
77	GOA SHIPYARD LTD.	251	0	169	753	209	0	1993	3375
78	HEAVY ENGINEERING CORPN. LTD.	676	0	107	679	40	1	1825	3328
79	HINDUSTAN AERONAUTICS LTD.	8508	0	0	19830	301	294	11189	40122
80	HINDUSTAN CABLES LTD.	0	0	0	0	0	0	0	0
81	HINDUSTAN SHIPYARD LTD.	318	237	0	467	6	0	446	1474
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.	39	0	0	62	0	0	82	183
85	HMT MACHINE TOOLS LTD.	374	228	21	522	101	330	968	2544
86	HMT WATCHES LTD.	0	0	0	0	0	0	0	0
87	HOOGHLY DOCK AND PORT ENGINEERS LTD.	1	1	1	20	20	10	18	71
88	I T I LTD.	2555	0	0	963	2	0	582	4102
89	INSTRUMENTATION LTD.	157	0	328	158	69	0	0	712
90	MAZAGON DOCK SHIPBUILDERS LTD.	1076	386	0	2947	3	0	2520	6932
91	NAINI AEROSPACE LTD.	23	113	0	0	9	0	0	145
92	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	84	0	70	59	26	55	548	842
93	RICHARDSON & CRUDDAS(1972) LTD.	4	0	4	3	0	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			
94	SAIL REFRACTORY COMPANY LTD.	16	0	0	131	0	0	501	648
95	SCOOTERS INDIA LTD.	70	9	0	37	5	0	323	444
96	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	0	0	0	0	0
97	VIGNYAN INDUSTRIES LTD.	11	0	0	80	1	0	171	263
SUB TOTAL :		34397	1083	8320	53032	2587	3075	49247	151741
TRANSPORATATION VEHICLE & EQUIPMENT									
98	BEML LTD.	2159	2625	0	2241	160	0	5069	12254
SUB TOTAL :		2159	2625	0	2241	160	0	5069	12254
INDUSTRIAL AND CONSUMER GOODS									
99	ANDREW YULE & COMPANY LTD.	202	418	90	268	13744	0	127	14849
100	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	107	0	0	182	6	411	58	764
101	CEMENT CORPN. OF INDIA LTD.	149	0	158	247	0	0	1376	1930
102	HINDUSTAN NEWSPRINT LTD.	81	0	23	168	134	0	0	406
103	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	0	0	0	0	0
104	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	0	0	0	0
105	HINDUSTAN SALTS LTD.	19	0	22	0	52	61	26	180
106	HLL LIFECARE LTD.	373	0	191	663	350	0	1385	2962
107	HOOGHLY PRINTING COMPANY LTD.	7	0	2	23	9	0	0	41
108	NAGALAND PULP & PAPER COMPANY LTD.	66	0	24	0	91	0	0	181
109	NEPA LTD.	148	0	0	222	0	156	18	544
110	SAMBHAR SALTS LTD.	8	0	16	4	59	119	44	250
111	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	339	575	473	5231	2300	153	601	9672
SUB TOTAL :		1499	993	999	7008	16745	900	3635	31779
TEXTILES									
112	BIRDS JUTE & EXPORTS LTD.	0	0	0	0	0	0	0	0
113	BRITISH INDIA CORPORATION LTD.	1209	0	0	0	0	0	0	1209
114	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0	0	0	0	0	0
115	NATIONAL TEXTILE CORPN. LTD.	505	343	147	6824	1204	3086	1518	13627
SUB TOTAL :		1714	343	147	6824	1204	3086	1518	14836
POWER GENERATION									
116	BHARTIYA RAIL BIJLEE CO. LTD.	248	0	0	0	0	34	1159	1441
117	KANTI BIJLEE UTPADAN NIGAM LTD.	214	0	0	9	0	0	2133	2356
118	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	11	0	1	2	0	0	57	71
119	NHDC LTD.	300	0	39	90	111	0	0	540
120	NHPC LTD.	3533	0	162	2166	892	0	8763	15516
121	NLC INDIA LTD.	3680	0	339	8277	814	0	13394	26504
122	NLC TAMIL NADU POWER LTD.	178	27	8	6	0	0	1731	1950

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non- Unionised	Skilled	Unskilled			
123	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	879	281	0	919	263	0	48	2390
124	NTPC LTD.	12698	58	0	6869	619	0	0	20244
125	NUCLEAR POWER CORPN. OF INDIA LTD.	4268	0	1868	5097	0	0	0	11233
126	PATRATU VIDYUT UTPADAN NIGAM LTD.	112	0	2	11	0	576	576	1277
127	SJVN LTD.	776	8	311	437	53	0	1955	3540
128	THDC INDIA LTD.	858	0	103	660	270	0	2525	4416
SUB TOTAL :		27755	374	2833	24543	3022	610	32341	91478
POWER TRANSMISSION									
129	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	0	0	0	0	0	0	0
130	POWER GRID CORPORATION OF INDIA LTD.	4320	0	2699	2163	73	0	631	9886
131	POWER GRID JABALPUR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
132	POWER GRID PARLI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
133	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	0	0	0	0	0	0	0	0
134	POWER GRID WARORA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
135	POWER SYSTEM OPERATION CORPORATION LTD.	423	0	66	61	0	0	259	809
136	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	0	0	0	0	0	0
137	POWERGRID NM TRANSMISSION LTD.	0	0	0	0	0	0	0	0
138	POWERGRID UNCHAHAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
139	POWERGRID VIZAG TRANSMISSION LTD.	0	0	0	0	0	0	0	0
140	REC POWER DISTRIBUTION CO. LTD.	49	0	0	0	0	0	0	49
141	REC TRANSMISSION PROJECTS CO. LTD.	0	0	0	0	0	0	0	0
SUB TOTAL :		4792	0	2765	2224	73	0	890	10744
TRADING & MARKETING									
142	ANTRIX CORPORATION LTD.	21	0	6	0	42	0	42	111
143	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	151	4	0	10	90	0	98	353
144	FOOD CORPN. OF INDIA	5187	13866	0	2794	0	0	0	21847
145	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	20	0	22	21	19	115	16	213
146	HMT (INTERNATIONAL) LTD.	23	1	0	0	1	0	2	27
147	INDIA TRADE PROMOTION ORGANISATION	128	0	57	194	289	0	8	676
148	KARNATAKA TRADE PROMOTION ORGANISATION	1	0	0	0	0	0	0	1
149	M M T C LTD.	388	524	0	38	0	0	328	1278

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non- Unionised	Skilled	Unskilled			
150	M S T C LTD.	243	114	0	0	0	0	0	357
151	NATIONAL FILM DEV. CORPN. LTD.	17	6	8	9	35	0	0	75
152	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	81	0	33	54	23	0	4	195
153	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	13	35	0	0	0	2	18	68
154	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	26	0	0	0	22	25	73
155	NTPC VIDYUT VYAPAR NIGAM LTD.	34	0	0	0	0	0	0	34
156	P E C LTD.	78	4	0	0	0	0	0	82
157	STATE TRADING CORPN. OF INDIA LTD.	305	0	0	85	51	0	175	616
158	STCL LTD.	5	3	0	2	1	0	0	11
159	TAMIL NADU TRADE PROMOTION ORGANISATION	6	0	0	0	0	0	0	6
160	THE COTTON CORPN. OF INDIA LTD.	90	647	0	0	0	0	0	737
161	THE JUTE CORPN. OF INDIA LTD.	100	0	0	80	30	116	31	357
SUB TOTAL :		6891	15230	126	3287	581	255	747	27117
TRANSPORT AND LOGISTIC SERVICES									
162	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	11	0	0	0	0	0	14	25
163	AIR INDIA AIR TRANSPORT SERVICES LTD.	15	103	171	5099	1854	0	0	7242
164	AIR INDIA ENGINEERING SERVICES LTD.	4440	0	0	0	0	0	0	4440
165	AIR INDIA EXPRESS LTD.	15	364	0	355	614	0	1159	2507
166	AIR INDIA LTD.	4492	1474	0	2065	1958	756	0	10745
167	AIRLINE ALLIED SERVICES LTD.	146	58	0	464	0	0	0	668
168	AIRPORTS AUTHORITY OF INDIA	9629	2010	0	2888	2739	0	0	17266
169	BPCL-KIAL FUEL FARM PVT. LTD.	3	0	0	0	0	0	0	3
170	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0	0	0	0	0	0
171	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	54	0	0	0	0	0	1	55
172	CENTRAL WAREHOUSING CORPN.	284	864	746	794	354	0	86	3128
173	CHANDIGARH INTERNATIONAL AIRPORT LTD.	23	5	0	0	0	0	2	30
174	CONCOR AIR LTD.	0	0	0	0	0	0	1	1
175	CONTAINER CORPORATION OF INDIA LTD.	335	0	273	851	0	0	0	1459
176	FRESH & HEALTHY ENTERPRISES LTD.	0	0	0	0	4	0	0	4
177	GAIL (INDIA) LTD.	3632	114	0	730	54	0	10826	15356
178	GAIL GAS LTD.	0	0	0	0	0	0	0	0
179	KAMARAJAR PORT LTD.	69	0	0	39	0	0	0	108
180	PAWAN HANS LTD.	191	145	0	78	0	0	308	722
181	PUNJAB LOGISTIC INFRASTRUCTURE 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			
182	SHIPPING CORPORATION OF INDIA LTD.	603	80	0	0	0	0	25	708
183	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	0	0	0	0	3	3
184	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	8	0	0	0	0	0	0	8
SUB TOTAL :		23950	5217	1190	13363	7577	756	12425	64478
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES									
185	AGRINNOVATE INDIA LTD.	2	0	0	0	0	8	3	13
186	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	49	32	6	80	70	137	0	374
187	BRIDGE & ROOF CO.(INDIA) LTD.	684	314	0	176	32	0	0	1206
188	BROADCAST ENGG. CONSULTANTS INDIA LTD.	52	0	16	0	0	0	215	283
189	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	892	1018	0	825	551	0	1193	4479
190	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	67	0	3	0	0	0	132	202
191	DELHI POLICE HOUSING CORPORATION LTD.	0	0	0	0	0	0	0	0
192	EdCIL(India) Ltd.	77	0	17	0	21	0	53	168
193	ENGINEERING PROJECTS (INDIA) LTD.	287	0	30	7	3	0	45	372
194	ENGINEERS INDIA LTD.	1178	0	1405	184	1	0	0	2768
195	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	0	0	0	0	0	0
196	HINDUSTAN PREFAB LTD.	27	47	0	83	36	0	126	319
197	HINDUSTAN STEELWORKS COSTN. LTD.	19	1	0	0	2	0	374	396
198	HLL INFRA TECH SERVICES LTD.	142	0	10	0	0	0	0	152
199	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	0	0	0	0	0	0
200	HSCC (INDIA) LTD.	140	12	25	0	0	0	98	275
201	IIFCL PROJECTS LTD.	15	0	0	0	0	0	0	15
202	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	1	0	0	0	0	0	1	2
203	IRCON INFRASTRUCTURE & SERVICES LTD.	25	0	52	1	0	0	45	123
204	IRCON INTERNATIONAL LTD.	827	0	407	342	0	0	342	1918
205	IRCON PB TOLLWAY LTD.	8	1	0	0	0	0	17	26
206	IRCON SHIVPURI GUNA TOLLWAY LTD.	5	0	2	0	0	0	0	7
207	IRCON VADODARA KIM EXPRESSWAY LTD.	2	0	0	0	0	0	0	2
208	KONKAN RAILWAY CORPORATION LTD.	253	2085	0	2385	646	0	103	5472
209	MECON LTD.	1131	153	0	0	0	39	1510	2833
210	MINERAL EXPLORATION CORPN. LTD.	311	260	0	452	0	17	842	1882

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non- Unionised	Skilled	Unskilled			
211	MUMBAI RAILWAY VIKAS CORPORATION LTD.	80	0	181	10	21	0	0	292
212	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	72	0	0	0	0	0	190	262
213	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	252	0	132	280	0	0	0	664
214	NATIONAL RESEARCH DEVELOPMENT CORPN.	37	1	0	9	12	0	18	77
215	NATIONAL SMALL INDUSTRIES CORPN. LTD.	555	100	0	102	37	0	17	811
216	NBCC (INDIA) LTD.	461	181	536	669	0	0	58	1905
217	NBCC ENGINEERING AND CONSULTANCY LTD.	17	0	0	8	0	0	0	25
218	NBCC SERVICES LTD.	0	0	0	0	0	0	0	0
219	PFC CONSULTING LTD.	0	0	0	0	0	98	0	98
220	PROJECTS & DEVELOPMENT INDIA LTD.	303	0	21	5	0	0	250	579
221	RAIL VIKAS NIGAM LTD.	520	0	0	25	0	0	0	545
222	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	0	0	0	0	0	0	0	0
223	MITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	0	0	0	0
224	MITES LTD.	1575	0	223	198	182	0	839	3017
225	SOLAR ENERGY CORPORATION OF INDIA	62	0	8	0	0	0	0	70
226	TCIL BINA TOLL ROAD LTD.	0	0	0	1	32	0	0	33
227	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	0	0	0	0	17	17
228	WAPCOS LTD.	679	23	59	151	111	0	3572	4595
SUB TOTAL :		10807	4228	3133	5993	1757	299	10060	36277
HOTEL AND TOURIST SERVICES									
229	HOTEL CORPN. OF INDIA LTD.	37	21	125	202	277	192	207	1061
230	INDIA TOURISM DEV. CORPN. LTD.	181	36	0	621	72	0	0	910
231	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	296	0	499	650	0	0	0	1445
232	PONDICHERY ASHOK HOTEL CORPN. LTD.	1	0	6	8	0	0	29	44
233	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	32	0	0	0	10	42
234	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0	0	0	0	0	0
SUB TOTAL :		515	57	662	1481	349	192	246	3502
FINANCIAL SERVICES									
235	BALMER LAWRIE INVESTMENTS LTD.	0	0	0	0	0	0	0	0
236	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	32	0	0	10	0	0	0	42
237	E. C. G. C. LTD.	246	354	0	5	1	52	0	658
238	EASTERN INVESTMENT LTD.	3	0	0	0	0	0	0	3
239	HOUSING & URBAN DEV. CORPN. LTD.	615	0	65	49	98	0	204	1031

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non- Unionised	Skilled	Unskilled			
240	IIFCL ASSET MANAGEMENT COMPANY LTD.	6	0	0	0	0	0	0	6
241	INDIA INFRASTRUCTURE FINANCE CO. LTD.	84	0	0	0	1	0	0	85
242	INDIAN RAILWAY FINANCE CORPORATION LTD.	10	0	14	0	0	0	0	24
243	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	143	0	4	1	17	0	42	207
244	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	13	0	4	0	0	0	1	18
245	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	2	0	0	1	0	0	0	3
246	NATIONAL BACKWARD CLASSES FINANCE & DEV.PCO.	18	0	14	18	0	0	0	50
247	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	14	0	7	10	5	0	0	36
248	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	13	0	5	2	10	0	11	41
249	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	12	0	0	7	3	0	26	48
250	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	38	32	9	0	0	0	0	79
251	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	24	0	6	21	0	0	0	51
252	NMDC CSR FOUNDATION	0	0	0	0	0	0	0	0
253	POWER FINANCE CORPORATION LTD.	472	0	0	24	0	0	0	496
254	REC LTD.	386	0	0	44	57	0	0	487
SUB TOTAL :		2131	386	128	192	192	52	284	3365
TELECOMMUNICATION & INFORMATION TECHNOLOGY									
255	BHARAT BROADBAND NETWORK LTD.	128	0	0	0	0	0	130	258
256	BHARAT SANCHAR NIGAM LTD.	47116	0	0	119858	0	3695	0	170669
257	MAHANAGAR TELEPHONE NIGAM LTD.	3127	0	0	12758	5819	4	0	21708
258	MILLENNIUM TELECOM LTD.	0	0	0	0	0	0	0	0
259	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	0	0	0	0
260	RAILTEL CORPORATION INDIA LTD.	509	0	216	0	0	1156	201	2082
261	RAILTEL ENTERPRISES LTD.	16	0	0	1	0	0	5	22
262	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	400	0	419	0	0	0	128	947
SUB TOTAL :		51296	0	635	132617	5819	4855	464	195686
ENTERPRISES UNDER CONSTRUCTION									
263	AJMER PHAGI TRANSCO LTD.	0	0	0	0	0	0	0	0
264	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	0	0	0	0	0	0
265	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	0	0	0	0	0	0
266	BHARAT GAS RESOURCES LTD,	34	0	0	0	0	0	0	34

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non- Unionised	Skilled	Unskilled			
267	BHARAT PETRO RESOURCES JPDA	0	0	0	0	0	0	0	0
268	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	192	0	86	194	0	0	0	472
269	BHIND GUNA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
270	BIHAR INFRAPOWER LTD.	0	0	0	0	0	0	0	0
271	BIHAR MEGA POWER LTD.	0	0	0	0	0	0	0	0
272	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	0	0	0	0	0	0
273	BUNDELKHAND SAUR URJA LTD.	6	0	0	0	0	0	0	6
274	CHANDIL TRANSMISSION LTD.	0	0	0	0	0	0	0	0
275	CHEYUR INFRA LTD.	0	0	0	0	0	0	0	0
276	CHHATTISGARH EAST RAILWAYS LTD.	8	4	0	0	0	0	1	13
277	CHHATTISGARH EAST-WEST RAILWAYS LTD.	8	4	0	0	0	0	1	13
278	CHHATTISGARH MEGA STEEL CO. LTD.	0	0	0	0	0	0	0	0
279	CHHATTISGARH SURGUJA POWER LTD.	0	0	0	0	0	0	0	0
280	COASTAL KARNATAKA POWER LTD.	0	0	0	0	0	0	0	0
281	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	0	0	0	0	0	0
282	COASTAL TAMIL NADU POWER LTD.	0	0	0	0	0	0	0	0
283	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	596	0	0	195	0	0	64	855
284	DEOGHAR INFRA LTD.	0	0	0	0	0	0	0	0
285	DEOGHAR MEGA POWER LTD.	0	0	0	0	0	0	0	0
286	DINGCHANG TRANSMISSION LTD.	0	0	0	0	0	0	0	0
287	DUMKA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
288	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	0	0	0	0	0	0	0	0
289	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	0	0	0
290	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0	0	0	0	0	0
291	HLL MEDIPARK LTD	2	0	4	1	0	0	1	8
292	HOOGLY COCHIN SHIPYARD LTD.	0	0	0	0	0	0	0	0
293	HPCL RAJASTHAN REFINERY LTD.	0	0	0	0	0	0	241	241
294	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	0	0	0	0	0	0	0	0
295	INDO CAT PRIVATE LTD.	0	0	0	0	0	0	0	0
296	INDO RUSSIAN HELICOPTERS LTD.	0	0	0	0	0	0	3	3
297	INLAND & COASTAL SHIPPING LTD.	0	0	0	0	0	0	0	0
298	JAGDISHPUR PAPER MILLS LTD.	0	0	0	0	0	0	0	0
299	JAM KHAMALIYA TRANSCO LTD.	0	0	0	0	0	0	0	0
300	JHARKHAND CENTRAL RAILWAY LTD.	0	0	0	0	0	0	0	0
301	JHARKHAND INFRAPOWER LTD.	0	0	0	0	0	0	0	0
302	JHARKHAND KOLHAN STEEL 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			
303	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	0	0	0	0	0	0
304	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	0	0	0	0	0	0
305	KHETRI TRANSCO LTD.	0	0	0	0	0	0	0	0
306	KODERMA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
307	KOLKATA METRO RAIL CORPORATION LTD.	8	0	0	0	0	0	41	49
308	LAKADIA BANASKANTHA TRANSCO LTD.	0	0	0	0	0	0	0	0
309	MAHANADI BASIN POWER LTD.	3	1	0	0	0	0	0	4
310	MAHANADI COAL RAILWAY LTD.	3	1	0	0	1	0	0	5
311	MAMC INDUSTRIES LTD.	0	0	0	0	0	0	0	0
312	MANDAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
313	MJSJ COAL LTD.	4	1	0	0	0	0	0	5
314	MNH SHAKTI LTD.	3	1	0	0	0	0	0	4
315	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
316	NABINAGAR POWER GENERATING COMPANY LTD.	216	7	0	0	0	0	0	223
317	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	0	0	0	0	0	0
318	NBCC INTERNATIONAL LTD.	0	0	0	0	0	0	0	0
319	NEWSPACE INDIA LTD.	0	0	0	0	0	0	0	0
320	NEYVELI UTTAR PRADESH POWER LTD	130	0	1	5	0	0	4212	4348
321	NMDC POWER LTD.	0	0	0	0	0	0	0	0
322	NMDC STEEL LTD.	0	0	0	0	0	0	0	0
323	NMDC-CMDC LTD.	0	0	0	2	0	0	0	2
324	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	0	0	0	0	0	0	0	0
325	NPCIL - NALCO POWER COMPANY LTD.	0	0	0	0	0	0	0	0
326	ODISHA INFRAPOWER LTD.	0	0	0	0	0	0	0	0
327	OIL INDIA INTERNATIONAL LTD.	0	0	0	0	0	0	0	0
328	ORISSA INTEGRATED POWER LTD.	0	0	0	0	0	0	0	0
329	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	0	0	0	0	0	0
330	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	0	0	0	0	0	0	0	0
331	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	0	0	0	0	0	0	0	0
332	POWER GRID VARANASI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
333	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
334	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	0	0	0	0	0	0	0	0
335	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	0	0	0	0	0	0
336	SAGARMALA DEVELOPMENT COMPANY LTD.	2	0	0	0	0	0	0	2

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non- Unionised	Skilled	Unskilled			
337	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	0	0	0
338	SETHUSAMUDRAM CORPN. LTD.	0	0	0	5	3	0	8	16
339	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0	0	0	0	0	0	0
340	SJVN THERMAL PVT. LTD.	43	6	0	17	0	0	0	66
341	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	0	0	0	0	0	0
342	TANDA TRANSMISSION COMPANY LTD.	0	0	0	0	0	0	0	0
343	TATIYA ANDHRA MEGA POWER LTD.	0	0	0	0	0	0	0	0
344	UDUPI KASARGODE TRANSMISSION LTD.	0	0	0	0	0	0	0	0
345	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
346	WRSS XXI(A) TRANSCO LIMITED	0	0	0	0	0	0	0	0
347	YULE ELECTRICAL LTD.	0	0	0	0	0	0	0	0
348	YULE ENGINEERING COMPANY LTD.	0	0	0	0	0	0	0	0
SUB TOTAL :		1258	25	91	419	4	0	4572	6369
GRAND TOTAL :		270393	82657	23582	474679	181535	30901	450317	1514064

STATEMENT - 23
TOWNSHIP MAINTENANCE EXPENDITURE IN CPSEs (COGNATE GROUP)

(₹ in Crore)

S.No	Cognate Group	TOWNSHIP MAINTAINANCE					Social Overheads on Education, Medical and Cultural Activities	Grand Total
		Township Office and Administration	Depreciation on Township Outlay	Interest on Township Outlay	Total Gross Expenditure	Less Rent Receipt and Other Income	Net Expenditure	
1	AGRO BASED INDUSTRIES	0	0	0	0	0	0	0
2	COAL	831.59	53.3	0	884.89	79.05	805.84	2336.35
3	CRUDE OIL	0	0	0	0	0	0	0
4	OTHER MINERALS & METALS	96.11	41.03	0	137.14	16.18	120.96	341.2
5	STEEL	126.41	10.15	0	136.56	11.69	124.87	183.2
6	PETROLEUM (REFINERY & MARKETING)	617.5	61.21	31.22	709.93	26.99	682.94	917.98
7	FERTILIZERS	25.26	10.66	0	35.92	9.82	26.1	103.95
8	CHEMICALS & PHARMACEUTICALS	6.05	8.5	0	14.55	3.09	11.46	11.57
9	HEAVY & MEDIUM ENGINEERING	147.5	17.27	4.49	169.26	69.17	100.09	286.4
10	TRANSPORTATION VEHICLE & EQUIPMENT	7.78	1.1	0	8.88	0.96	7.92	7.92
11	INDUSTRIAL AND CONSUMER GOODS	44.61	0.28	0	44.89	0.52	44.37	134.72
12	TEXTILES	0.02	0	0	0.02	0.04	-0.02	3.68
13	POWER GENERATION	670.94	142.28	43.25	856.47	72.67	783.8	1372.55
14	POWER TRANSMISSION	30.55	23.91	0	54.46	8.15	46.31	216.23
15	TRADING & MARKETING	2.11	0.06	0	2.17	0.16	2.01	4.97
16	TRANSPORT AND LOGISTIC SERVICES	64.77	14.54	0	79.31	5.27	74.04	123.03
17	CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES	22.45	3.64	0	26.09	9.01	17.08	52.82
18	HOTEL AND TOURIST SERVICES	0	0	0	0	0	0	0.12
19	FINANCIAL SERVICES	0	0	0	0	3.04	-3.04	8.53
20	TELECOMMUNICATION & INFORMATION TECHNOLOGY	0	0	0	0	0.01	-0.01	0.63
21	ENTERPRISES UNDER CONSTRUCTION	0.94	3.02	0	3.96	0.43	3.53	3.69
GRAND TOTAL :		2694.59	390.95	78.96	3164.5	316.25	2848.25	6109.54
Total Net Expenditure =								6109.54
Add Rent Receipts and Other Income =								316.25
Total Gross Expenditure =								6425.79

STATEMENT - 24
Representation of SCs, STs and OBCs in the CPSEs under different Ministries/Departments as on 31.3.2019

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 AGRICULTURE AND FARMERS WELFARE																												
D/O AGRICULTURE COOPERATION AND FARMERS WELFARE																												
1	NATIONAL SEEDS CORPN. LTD.	235	32	12	45	56	7	2	2	573	90	34	114	577	143	20	159	1441	272	68	320							
SUB TOTAL :		235	32	12	45	56	7	2	2	573	90	34	114	577	143	20	159	1441	272	68	320							
MINISTRY OF AGRICULTURE AND FARMERS WELFARE																												
D/O AGRICULTURE RESEARCH AND EDUCATION																												
2	AGRINNOVATE INDIA LTD.	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1							
SUB TOTAL :		2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1							
MINISTRY OF AYUSH																												
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	355	4	0	0	106	18	1	0	0	0	0	0	0	0	0	0	461	22	0	0							
SUB TOTAL :		355	4	0	0	106	18	1	0	0	0	0	0	0	0	0	0	461	22	0	0							
MINISTRY OF CHEMICALS & FERTILIZERS																												
D/O CHEMICALS & PETROCHEMICALS																												
4	BRAHAMPUTRA CRACKERS & POLYMER LTD.	443	67	26	116	179	20	25	60	0	0	0	0	0	0	0	0	622	87	51	176							
5	HIL (INDIA) LTD.	2	0	0	0	256	27	5	32	475	84	17	172	41	18	18	30	774	129	40	234							
6	HINDUSTAN FLUOROCARBONS LIMITED	60	5	3	12	0	0	0	0	16	3	2	6	24	6	12	6	100	14	17	24							
7	HINDUSTAN ORGANIC CHEMICALS LTD.	111	18	4	15	33	5	1	1	130	18	4	41	21	4	0	13	295	45	9	70							
SUB TOTAL :		616	90	33	143	468	52	31	93	621	105	23	219	86	28	30	49	1791	275	117	504							
MINISTRY OF CHEMICALS & FERTILIZERS																												
D/O FERTILIZER																												
8	BRAHAMPUTRA VALLEY FERTILIZER CORPN. LTD.	415	35	47	127	0	0	0	0	172	12	31	60	8	4	0	1	595	51	78	188							

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				
9	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	26	4	0	6	0	0	0	0	13	1	0	3	3	0	0	0	42	5	0	9								
10	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	627	78	20	154	0	0	0	0	924	103	24	374	218	33	5	100	1769	214	49	628								
11	HINDUSTAN FERTILIZER CORPN. LTD.	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0								
12	MADRAS FERTILIZERS LTD.	393	91	0	23	0	0	5	0	186	51	0	104	14	11	0	0	593	153	5	127								
13	NATIONAL FERTILIZERS LTD.	1637	325	98	172	0	0	0	0	1618	407	98	226	78	63	1	3	3333	795	197	401								
14	PROJECTS & DEVELOPMENT INDIA LTD.	303	44	17	65	21	5	1	5	5	1	0	0	0	0	0	0	329	50	18	70								
15	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	871	151	31	97	1435	186	125	113	697	108	55	158	109	12	13	38	3112	457	224	406								
16	THE 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								
SUB TOTAL :		4272	728	213	644	1461	192	131	118	3615	683	208	925	430	123	19	142	9778	1726	571	1829								
MINISTRY OF CHEMICALS & FERTILIZERS																													
D/O PHARMACEUTICALS																													
17	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	51	4	0	3	38	2	0	2	65	10	1	1	41	7	0	1	195	23	1	7								
18	HINDUSTAN ANTIBIOTICS LTD.	174	19	3	15	6	0	0	2	535	69	19	92	203	47	12	21	918	135	34	130								
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.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	225	36	2	33	0	52	12	92	211	0	0	0	222	0	0	0	658	88	14	125								
22	ORISSA DRUGS & CHEMICALS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
23	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
SUB TOTAL :		457	59	5	51	44	54	12	96	843	79	20	93	539	54	12	22	1883	246	49	262								
MINISTRY OF CIVIL AVIATION																													
24	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	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				
25	AIR INDIA AIR TRANSPORT SERVICES LTD.	15	1	0	1	57	274	55	11	57	5099	1038	248	1193	1854	381	56	306	7242	1475	315	1557							
26	AIR INDIA ENGINEERING SERVICES LTD.	4440	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4440	0	0	0							
27	AIR INDIA EXPRESS LTD.	15	6	0	0	364	118	10	0	355	8	14	0	614	104	42	0	1348	236	66	0								
28	AIR INDIA LTD.	4492	819	348	128	1474	238	108	166	2065	1066	277	426	1958	0	0	0	9989	2123	733	720								
29	AIRLINE ALLIED SERVICES LTD.	146	0	0	0	58	0	0	0	464	0	0	0	0	0	0	0	668	0	0	0								
30	AIRPORTS AUTHORITY OF INDIA	9629	0	0	0	2010	0	0	0	2888	0	0	0	2739	0	0	0	17266	0	0	0								
31	CHANDIGARH INTERNATIONAL AIRPORT LTD.	23	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	28	1	0	0								
32	HOTEL CORPN. OF INDIA LTD.	37	8	3	0	146	14	6	9	202	57	20	24	277	73	20	28	662	152	49	61								
33	PAWAN HANS LTD.	191	14	4	14	145	33	14	12	78	21	17	10	0	0	0	0	414	68	35	36								
SUB TOTAL :		18999	849	355	143	4476	458	149	244	11151	2190	576	1653	7442	558	118	334	42068	4055	1198	2374								
MINISTRY OF COAL																													
34	BHARAT COKING COAL LTD.	2091	220	58	240	5062	800	1700	1200	17049	2701	5408	4013	21817	3624	1350	401	46019	7345	8516	5854								
35	CENTRAL COALFIELDS LTD.	2350	273	159	422	3165	163	127	428	12737	2950	2708	4279	20970	5020	3906	4623	39222	8406	6900	9752								
36	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	892	101	41	189	1018	146	88	298	825	106	71	82	551	61	50	141	3286	414	250	710								
37	COAL INDIA LTD.	506	25	9	23	240	0	0	0	564	10	7	38	560	68	92	59	1870	103	108	120								
38	EASTERN COALFIELDS LTD.	2084	347	104	233	4097	237	121	459	22292	7788	3801	8731	31225	8148	3811	6701	59698	16520	7837	16124								
39	MAHANADI COALFIELDS LTD.	1819	223	115	275	3351	305	191	121	7962	911	527	135	9220	1384	1064	353	22352	2823	1897	884								
40	NLC INDIA LTD.	3680	835	323	549	339	75	4	164	8277	1585	83	2551	814	176	2	448	13110	2671	412	3712								
41	NLC TAMIL NADU POWER LTD.	178	31	14	33	35	7	3	9	6	0	0	2	0	0	0	0	219	38	17	44								
42	NORTHERN COALFIELDS LTD.	1759	145	31	159	2645	460	148	378	9178	1356	976	1447	874	419	201	320	14456	2380	1356	2304								
43	SOUTH EASTERN COALFIELDS LTD.	2995	403	170	418	9327	437	484	626	26191	4969	5675	7935	16303	3485	4904	3436	54816	9294	11233	12415								
44	WESTERN COALFIELDS LTD.	2393	424	94	272	7559	910	272	1850	17811	4610	1579	2240	15282	1600	659	9398	43045	7544	2604	13760								
SUB TOTAL :		20747	3027	1118	2813	36838	3540	3138	5533	122892	26986	20835	31453	117616	23985	16039	25880	298093	57538	41130	65679								

S.N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/Executives Level			Group B Supervisory Level			Group C Workers (Skilled)			Group D Workers (Un-Skilled)			Total Employees							
MINISTRY OF COMMERCE & INDUSTRY																					
D/O COMMERCE																					
45	E. C. G. C. LTD.	246	44	15	41	354	63	29	84	5	0	0	1	1	1	0	0	606	108	44	126
46	INDIA TRADE PROMOTION ORGANISATION	128	25	6	14	57	14	3	1	194	39	6	20	289	91	3	10	668	169	18	45
47	KARNATAKA TRADE PROMOTION ORGANISATION	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
48	M M T C LTD.	388	74	29	36	524	116	65	36	38	8	0	29	0	0	0	0	950	198	94	101
49	P E C LTD.	78	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	82	0	0	0
50	STATE TRADING CORPN. OF INDIA LTD.	305	75	18	33	0	0	0	0	85	12	6	3	51	24	8	3	441	111	32	39
51	STCL LTD.	5	0	0	0	3	0	0	0	2	0	0	0	1	0	0	0	11	0	0	0
52	TAMIL NADU TRADE PROMOTION ORGANISATION	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0
SUB TOTAL :		1157	219	68	124	942	193	97	121	324	59	12	53	342	116	11	13	2765	587	188	311
MINISTRY OF COMMERCE & INDUSTRY																					
D/O PROMOTION OF INDUSTRY AND INTERNAL TRADE																					
53	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	13	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0
SUB TOTAL :		13	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	17	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	0	128	19	6	17
55	BHARAT SANCHAR NIGAM LTD.	47116	8290	2757	8917	0	0	0	0	119858	22380	6386	11708	0	0	0	0	166974	30670	9143	20625
56	ITI LTD.	2555	401	48	283	0	0	0	0	963	194	7	203	2	1	0	0	3520	596	55	486
57	MAHANAGAR TELEPHONE NIGAM LTD.	3127	484	111	128	0	0	0	0	12758	1946	205	56	5819	1494	300	2	21704	3924	616	186
58	MILLENNIUM TELECOM LTD.	0	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	Total No. of Emp.	SCs	STs	OBCs
59	TCIL BINA TOLL ROAD LTD.	0	0	0	0	0	0	0	0	1	0	0	0	32	0	0	0	33	0	0	0	33	0	0	0	0	0	0	0
60	TCIL LAKHNADONE 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	0	0	0	0	0
61	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	400	61	22	56	419	64	9	80	0	0	0	0	0	0	0	0	819	125	31	136								
SUB TOTAL :		53326	9255	2944	9401	419	64	9	80	133580	24520	6598	11967	5853	1495	300	2	193178	35334	9851	21450								
MINISTRY OF CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION																													
D/O FOOD & PUBLIC DISTRIBUTION																													
62	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	54	5	2	13	0	0	0	0	0	0	0	0	0	0	0	0	54	5	2	13								
63	CENTRAL WAREHOUSING CORPN.	284	47	18	42	1610	288	88	138	794	173	84	176	354	147	31	45	3042	655	221	401								
64	FOOD CORPN. OF INDIA	5187	1105	903	754	13866	2988	1205	4223	2794	875	358	531	0	0	0	0	21847	4968	2466	5508								
SUB TOTAL :		5525	1157	923	809	15476	3276	1293	4361	3588	1048	442	707	354	147	31	45	24943	5628	2689	5922								
MINISTRY OF DEFENCE																													
D/O DEFENCE PRODUCTION																													
65	BEL OPTRONICS DEVICES LTD.	38	1	0	11	0	0	0	0	99	10	2	40	0	0	0	0	137	11	2	51								
66	BEL-THALES SYSTEMS LTD.	15	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	15	1	1	2								
67	BEML LTD.	2159	401	111	535	2625	406	92	448	2241	676	164	490	160	60	7	10	7185	1543	374	1483								
68	BHARAT DYNAMICS LTD.	946	173	88	186	0	0	0	0	1830	336	107	516	258	68	18	98	3034	577	213	800								
69	BHARAT ELECTRONICS LTD.	5840	1074	362	1340	228	15	1	30	3322	603	136	789	222	40	22	44	9612	1732	521	2203								
70	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	472	87	25	107	227	45	7	43	1150	261	41	107	251	81	13	16	2100	474	86	273								
71	GOA SHIPYARD LTD.	251	37	24	64	169	8	11	19	753	47	69	224	209	22	17	27	1382	114	121	334								
72	HINDUSTAN AERONAUTICS LTD.	8508	1507	514	2047	0	0	0	0	19830	3474	1465	5285	301	1	0	3	28639	4982	1979	7335								
73	HINDUSTAN SHIPYARD LTD.	318	70	30	86	237	46	40	42	467	100	42	128	6	3	0	1	1028	219	112	257								
74	MAZAGON DOCK SHIPBUILDERS LTD.	1076	202	66	295	386	36	7	24	2947	312	183	589	3	0	1	0	4412	550	257	908								

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					
75	MISHRA DHATU NIGAM LTD.	257	43	14	54	65	8	5	13	252	44	27	98	218	43	17	94	792	138	63	259					
76	NAINI AEROSPACE LTD.	23	0	0	2	113	26	0	32	0	0	0	0	9	2	0	0	145	28	0	34					
77	VIGNYAN INDUSTRIES LTD.	11	1	1	9	0	0	0	0	80	5	2	70	1	1	0	0	92	7	3	79					
SUB TOTAL :		19914	3597	1236	4738	4050	590	163	651	32971	5868	2238	8336	1638	321	95	293	58573	10376	3732	14018					
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION																										
78	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	13	2	5	1	35	0	0	0	0	0	0	0	0	0	0	0	48	2	5	1					
79	NORTH EASTERN REGIONAL AGRIL. MARKETING CORP.LTD.	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	26	0	0	0					
SUB TOTAL :		13	2	5	1	61	0	0	0	0	0	0	0	0	0	0	0	74	2	5	1					
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					
SUB TOTAL :		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.CORP.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 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	6	0	0	1					
83	IIFCL PROJECTS LTD.	15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	1					
84	INDIA INFRASTRUCTURE FINANCE CO.LTD.	84	10	2	18	0	0	0	0	0	0	0	0	1	0	0	0	85	10	2	18					
SUB TOTAL :		105	10	2	20	0	0	0	0	0	0	0	0	1	0	0	0	106	10	2	20					

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 FINANCE																										
D/O ECONOMIC AFFAIRS																										
85	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	339	55	20	62	1048	157	86	153	5231	1014	456	888	2300	474	208	53	8918	1700	770	1156					
SUB TOTAL :		339	55	20	62	1048	157	86	153	5231	1014	456	888	2300	474	208	53	8918	1700	770	1156					
MINISTRY OF HEALTH & FAMILY WELFARE																										
DEPARTMENT OF HEALTH AND FAMILY WELFARE																										
86	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	29	0	0	9	41	0	0	20	2	0	0	0	104	6	0	81	176	6	0	110					
87	HLL BIOTECH LTD.	104	19	1	31	33	8	0	19	31	0	0	18	0	9	0	0	168	36	1	68					
88	HLL INFRA TECH SERVICES LTD.	142	12	3	25	10	0	0	1	0	0	0	0	0	0	0	0	152	12	3	26					
89	HLL LIFECARE LTD.	373	43	6	69	191	30	23	33	663	93	19	181	350	82	28	128	1577	248	76	411					
90	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
91	HSCC (INDIA) LTD.	140	19	2	22	37	0	0	6	0	7	0	0	0	4	0	0	177	30	2	28					
SUB TOTAL :		788	93	12	156	312	38	23	79	696	100	19	199	454	101	28	209	2250	332	82	643					
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES																										
D/O HEAVY INDUSTRIES																										
92	ANDREW YULE & COMPANY LTD.	202	27	7	28	508	53	32	187	268	0	31	65	13744	2290	4012	6604	14722	2370	4082	6884					
93	BHARAT HEAVY ELECTRICALS LTD.	10420	1872	845	2526	6861	1323	488	1810	17595	3902	1177	7296	595	158	12	213	35471	7255	2522	11845					
94	BHARAT PUMPS & COMPRESSORS LTD.	53	9	1	9	15	3	0	7	148	27	0	41	2	0	0	1	218	39	1	58					
95	BHEL ELECTRICAL MACHINES LTD.	15	1	0	10	5	0	0	5	119	6	4	87	17	3	2	8	156	10	6	110					
96	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	49	5	0	2	38	1	0	3	80	0	0	0	70	1	0	0	237	7	0	5					
97	BRIDGE & ROOF CO.(INDIA) LTD.	684	107	4	57	314	0	0	10	176	0	0	10	32	0	0	0	1206	107	4	77					
98	CEMENT CORPN. OF INDIA LTD.	149	18	2	24	158	20	8	32	247	47	38	59	0	0	0	0	554	85	48	115					

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	
99	ENGINEERING PROJECTS (INDIA) LTD.	287	45	11	48	30	5	0	9	7	2	0	3	3	0	0	1	327	52	11	61					
100	HEAVY ENGINEERING CORPN. LTD.	676	164	79	112	107	47	16	6	679	109	225	179	40	8	15	0	1502	328	335	297					
101	HINDUSTAN CABLES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
102	HINDUSTAN NEWSPRINT LTD.	81	5	0	20	23	2	0	2	168	16	0	55	134	20	1	82	406	43	1	159					
103	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
104	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
105	HINDUSTAN SALTS LTD.	19	1	0	2	22	3	1	6	0	0	0	0	52	10	2	14	93	14	3	22					
106	HMT (INTERNATIONAL) LTD.	23	1	0	6	1	0	3	0	0	0	0	0	1	0	0	0	25	1	3	6					
107	HMT BEARINGS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
108	HMT CHINAR WATCHES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
109	HMT LTD.	39	7	0	7	0	0	0	0	62	9	3	11	0	0	0	0	101	16	3	18					
110	HMT MACHINE TOOLS LTD.	374	58	13	70	249	42	10	76	522	114	23	182	101	28	1	32	1246	242	47	360					
111	HMT WATCHES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
112	HOOGLY PRINTING COMPANY LTD.	7	0	0	0	2	0	0	0	23	0	0	0	9	2	0	0	41	2	0	0					
113	INSTRUMENTATION LTD.	157	26	8	22	328	60	17	64	158	27	6	59	69	19	1	24	712	132	32	169					
114	NAGALAND PULP & PAPER COMPANY LTD.	66	0	0	0	24	0	0	0	0	0	0	0	91	0	0	0	181	0	0	0					
115	NEPA LTD.	148	6	4	19	0	0	0	0	222	24	4	28	0	0	0	0	370	30	8	47					
116	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	84	10	3	19	70	19	1	9	59	10	4	19	26	9	2	9	239	48	10	56					
117	RICHARDSON & CRUDDAS(1972) LTD.	4	0	0	0	4	1	0	0	3	0	0	0	0	0	0	0	11	1	0	0					
118	SAMBHAR SALTS LTD.	8	2	0	0	16	2	1	3	4	1	2	4	59	17	2	25	87	22	5	32					
119	SCOOTERS INDIA LTD.	70	0	0	0	9	0	0	0	37	0	0	0	5	0	0	0	121	0	0	0					
120	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 :		13615	2364	977	2981	8784	1581	577	2229	20577	4294	1517	8098	15050	2565	4050	7013	58026	10804	7121	20321					
MINISTRY OF HOME AFFAIRS																										
121	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					

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 HOUSING & URBAN AFFAIRS																									
122	HINDUSTAN PREFAB LTD.	27	8	0	1	47	13	4	4	83	38	4	0	36	12	0	2	193	71	8	7				
123	HINDUSTAN STEELWORKS COSTN. LTD.	19	0	0	0	1	0	0	2	0	0	0	0	2	0	0	1	22	0	0	3				
124	HOUSING & URBAN DEV. CORPN. LTD.	615	99	27	69	65	10	10	11	49	9	5	7	98	29	15	7	827	147	57	94				
125	NBCC (INDIA) LTD.	461	82	18	61	717	116	44	166	669	115	0	37	0	0	0	0	1847	313	62	264				
126	NBCC ENGINEERING AND CONSULTANCY LTD.	17	1	0	2	0	0	0	0	8	0	2	1	0	0	0	0	25	1	2	3				
127	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 :		1139	190	45	133	830	139	58	183	809	162	11	45	136	41	15	10	2914	532	129	371				
MINISTRY OF HUMAN RESOURCE DEVELOPMENT																									
D/O HIGHER EDUCATION																									
128	EdCIL(India) Ltd.	77	15	3	19	17	3	1	2	0	0	0	0	21	13	1	3	115	31	5	24				
SUB TOTAL :		77	15	3	19	17	3	1	2	0	0	0	0	21	13	1	3	115	31	5	24				
MINISTRY OF INFORMATION & BROADCASTING																									
129	BROADCAST ENGG. CONSULTANTS INDIA LTD.	52	11	2	5	16	7	0	1	0	0	0	0	0	0	0	0	68	18	2	6				
130	NATIONAL FILM DEV. CORPN. LTD.	17	5	0	1	14	4	0	2	9	3	0	2	35	9	0	10	75	21	0	15				
SUB TOTAL :		69	16	2	6	30	11	0	3	9	3	0	2	35	9	0	10	143	39	2	21				
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES																									
131	NATIONAL SMALL INDUSTRIES CORPN. LTD.	555	88	19	101	100	9	0	16	102	27	0	16	37	11	0	5	794	135	19	138				
SUB TOTAL :		555	88	19	101	100	9	0	16	102	27	0	16	37	11	0	5	794	135	19	138				
MINISTRY OF MINES																									
132	HINDUSTAN COPPER LTD.	570	96	29	107	28	5	1	6	1093	164	215	182	504	125	53	18	2195	390	298	313				
133	MINERAL EXPLORATION CORPN. LTD.	311	41	15	67	260	47	20	64	452	92	27	113	0	0	0	0	1023	180	62	244				

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					
134	NATIONAL ALUMINIUM COMPANY LTD.	1782	264	145	223	594	108	108	42	3568	601	803	485	552	91	143	74	6496	1064	1199	824					
SUB TOTAL :		2663	401	189	397	882	160	129	112	5113	857	1045	780	1056	216	196	92	9714	1634	1559	1381					
MINISTRY OF MINORITIES AFFAIRS																										
135	NATIONAL MINORITIES DEVP & FINANCE CORPORATION	13	2	1	3	5	2	0	1	2	1	0	0	10	6	0	2	30	11	1	6					
SUB TOTAL :		13	2	1	3	5	2	0	1	2	1	0	0	10	6	0	2	30	11	1	6					
MINISTRY OF NEW AND RENEWABLE ENERGY																										
136	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	143	19	9	24	4	2	0	0	1	0	0	0	17	4	1	3	165	25	10	27					
137	SOLAR ENERGY CORPORATION OF INDIA	62	3	2	8	8	2	0	2	0	0	0	0	0	0	0	0	70	5	2	10					
SUB TOTAL :		205	22	11	32	12	4	0	2	1	0	0	0	17	4	1	3	235	30	12	37					
MINISTRY OF PETROLEUM & NATURAL GAS																										
138	BALMER LAWRIE & CO. LTD.	469	45	5	75	212	34	2	49	72	3	0	18	316	36	5	73	1069	118	12	215					
139	BALMER LAWRIE INVESTMENTS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
140	BHARAT PETRO RESOURCES LTD.	7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	1					
141	BHARAT PETROLEUM CORPN. LTD.	6182	1008	403	1127	0	0	0	0	4282	637	228	712	1507	296	117	277	11971	1941	748	2116					
142	BPCL-KIAL FUEL FARM PVT. LTD.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0					
143	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	67	11	0	15	3	0	0	1	0	0	0	0	0	0	0	0	70	11	0	16					
144	CHENNAI PETROLEUM CORPORATION LTD.	855	183	35	164	0	0	0	0	871	205	12	362	0	0	0	0	1726	388	47	526					
145	ENGINEERS INDIA LTD.	1178	230	54	112	1405	241	67	304	184	52	9	29	1	1	0	0	2768	524	130	445					
146	GAIL (INDIA) LTD.	3632	589	256	684	114	11	7	42	730	130	24	246	54	13	6	17	4530	743	293	989					
147	GAIL GAS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
148	HINDUSTAN PETROLEUM CORPN. LTD.	6187	1063	482	1263	0	0	0	0	3276	629	302	342	776	205	89	49	10239	1897	873	1654					

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	
149	HPCL BIOFUELS LTD.	30	1	0	7		96	14	1	35	603	65	7	243	0	0	0	0	729	80	8	285				
150	INDIAN OIL CORPORATION LTD.	17704	2943	1325	3826		5503	943	579	388	9820	1780	729	2619	471	135	33	39	33498	5801	2666	6872				
151	MANGALORE REFINERY & PETROCHEMICALS LTD.	873	70	24	188		0	0	0	0	1060	131	49	401	10	0	0	5	1943	201	73	594				
152	NUMALIGARH REFINERY LTD.	456	50	33	102		0	0	0	0	421	39	61	138	0	0	0	0	877	89	94	240				
153	OIL & NATURAL GAS CORPORATION LTD.	20259	3384	1859	3504		1515	192	270	195	7226	889	886	2690	2065	352	206	448	31065	4817	3221	6837				
154	OIL INDIA LTD.	1649	220	144	392		1036	72	128	266	2977	245	431	1101	1435	155	197	542	7097	692	900	2301				
155	ONGC MANGALORE PETROCHEMICALS LTD.	169	7	1	30		0	0	0	0	251	1	1	110	45	1	0	20	465	9	2	160				
156	ONGC VIDESH LTD.	1515	43	19	42		532	0	1	2	0	0	0	0	0	0	0	0	2047	43	20	44				
157	PRIZE PETROLEUM COMPANY LTD.	15	1	0	3		0	0	0	0	0	0	0	0	0	0	0	0	15	1	0	3				
158	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	8	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0				
SUB TOTAL :		61258	9848	4640	11535		10416	1507	1055	1282	31773	4806	2739	9011	6680	1194	653	1470	110127	17355	9087	23298				
MINISTRY OF POWER																										
159	BHARTIYA RAIL BIJLEE CO. LTD.	248	31	13	51		0	0	0	0	0	63	18	328	0	146	68	524	248	240	99	903				
160	KANTI BIJLEE UTPADAN NIGAM LTD.	214	36	10	46		0	0	0	0	9	1	1	1	0	0	0	0	223	37	11	47				
161	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	11	0	2	0		1	0	0	1	2	0	0	1	0	0	0	0	14	0	2	2				
162	NHDC LTD.	300	42	14	71		39	8	2	6	90	12	10	26	111	30	17	31	540	92	43	134				
163	NHPC LTD.	3533	545	249	739		162	26	7	19	2166	218	103	119	892	175	62	45	6753	964	421	922				
164	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	879	93	206	159		281	13	83	50	919	53	399	160	263	13	127	43	2342	172	815	412				
165	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				
166	NTPC LTD.	12698	1778	703	2427		58	7	4	3	6869	1098	585	1350	619	149	73	116	20244	3032	1365	3896				
167	NTPC VIDYUT VYAPAR NIGAM LTD.	34	3	1	1		0	0	0	0	0	0	0	0	0	0	0	0	34	3	1	1				
168	PATRATU VIDYUT UTPADAN NIGAM LTD.	112	7	20	25		2	0	2	0	11	0	0	0	0	0	0	0	125	7	22	25				
169	PFC CONSULTING LTD.	0	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				
170	POWER FINANCE CORPORATION LTD.	472	83	28	81	0	0	0	0	24	4	2	3	0	0	0	0	496	87	30	84								
171	POWER GRID CORPORATION OF INDIA LTD.	4320	611	273	983	2699	408	246	849	2163	319	217	556	73	16	6	22	9255	1354	742	2410								
172	POWER GRID JABALPUR 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					
173	POWER GRID PARLI 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					
174	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
175	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					
176	POWER SYSTEM OPERATION CORPORATION LTD.	423	67	25	94	66	5	1	18	61	10	2	5	0	0	0	0	550	82	28	117								
177	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					
178	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					
179	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					
180	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					
181	REC LTD.	386	39	15	63	0	0	0	0	44	8	0	2	57	17	1	3	487	64	16	68								
182	REC POWER DISTRIBUTION CO. LTD.	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	0	0	0								
183	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					
184	SJVN LTD.	776	111	51	116	319	67	11	42	437	121	32	25	53	7	3	1	1585	306	97	184								
185	THDC INDIA LTD.	858	92	21	80	103	10	1	11	660	89	5	48	270	70	1	21	1891	261	28	160								
SUB TOTAL :		25313	3538	1631	4936	3730	544	357	999	13455	1996	1374	2624	2338	623	358	806	44836	6701	3720	9365								
MINISTRY OF RAILWAYS																													
186	BHARAT WAGON & ENGG. 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					
187	BRAITHWAITE & CO. LTD.	40	0	1	2	29	3	0	0	172	24	0	0	0	0	0	0	241	27	1	2								

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					
188	BURN STANDARD COMPANY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
189	CONCOR AIR LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
190	CONTAINER CORPORATION OF INDIA LTD.	335	44	8	61	273	36	11	63	851	132	56	231	0	0	0	0	1459	212	75	355					
191	FRESH & HEALTHY ENTERPRISES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	4	1	0	0	0				
192	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	0				
193	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	296	46	10	45	499	95	28	106	650	128	36	187	0	0	0	0	1445	269	74	338					
194	INDIAN RAILWAY FINANCE CORPORATION LTD.	10	0	0	1	14	6	1	2	0	0	0	0	0	0	0	0	24	6	1	3					
195	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0					
196	IRCON INFRASTRUCTURE & SERVICES LTD.	25	2	0	1	52	1	1	6	1	0	0	0	0	0	0	0	78	3	1	7					
197	IRCON INTERNATIONAL LTD.	827	110	29	156	407	51	16	74	342	38	9	98	0	0	0	0	1576	199	54	328					
198	IRCON PB TOLLWAY LTD.	8	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0					
199	IRCON SHIVPURI GUNA TOLLWAY LTD.	5	0	0	2	2	0	0	3	0	0	0	0	0	0	0	0	7	0	0	5					
200	IRCON VADODARA KIM EXPRESSWAY LTD.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0					
201	KONKAN RAILWAY CORPORATION LTD.	253	32	12	50	2085	264	83	753	2385	351	143	1090	646	161	106	223	5369	808	344	2116					
202	MUMBAI RAILWAY VIKAS CORPORATION LTD.	80	13	2	5	181	11	3	27	10	0	0	0	21	7	0	0	292	31	5	32					
203	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
204	RAIL VIKAS NIGAM LTD.	520	48	12	55	0	0	0	0	25	1	0	1	0	2	2	7	545	51	14	63					
205	RAILTEL CORPORATION INDIA LTD.	509	72	19	124	216	4	0	4	0	0	0	0	0	0	0	0	725	76	19	128					
206	RAILTEL ENTERPRISES LTD.	16	4	0	2	0	0	0	0	1	0	0	1	0	0	0	0	17	4	0	3					
207	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	0	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					
208	RITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
209	RITES LTD.	1575	212	66	282	223	27	11	33	198	35	14	26	182	40	6	15	2178	314	97	356					
210	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
SUB TOTAL :		4502	583	159	786	3982	498	154	1071	4635	709	258	1634	853	211	114	245	13972	2001	685	3736					
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS																										
211	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																										
212	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP LTD.	16	1	2	0	49	12	1	10	13	13	1	5	34	5	0	3	112	31	4	18					
213	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	32	1	0	4	0	0	0	0	10	1	0	2	0	0	0	0	42	2	0	6					
214	INDIAN VACCINE CORP. LTD.	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0					
SUB TOTAL :		48	2	2	4	50	12	1	10	23	14	1	7	36	5	0	3	157	33	4	24					
MINISTRY OF SCIENCE & TECHNOLOGY																										
DEPT.OF SCIENTIFIC & INDUSTRIAL RESEARCH																										
215	CENTRAL ELECTRONICS LTD.	165	22	0	10	0	0	0	0	195	56	0	17	6	3	0	2	366	81	0	29					
216	NATIONAL RESEARCH DEVELOPMENT CORPN.	37	9	1	2	1	0	0	0	9	4	0	0	12	7	0	0	59	20	1	2					
SUB TOTAL :		202	31	1	12	1	0	0	0	204	60	0	17	18	10	0	2	425	101	1	31					
MINISTRY OF SHIPPING																										
217	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					
218	COCHIN SHIPYARD LTD.	340	52	16	80	152	20	10	20	1274	170	17	563	0	0	0	0	1766	242	43	663					

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					
219	HOOGLHY DOCK AND PORT ENGINEERS LTD.	1	0	0	0	2	0	0	0	20	2	1	0	20	3	0	0	43	5	1	0					
220	KAMARAJAR PORT LTD.	69	12	3	30	0	0	0	0	39	10	1	22	0	0	0	0	108	22	4	52					
221	SHIPPING CORPORATION OF INDIA LTD.	603	118	48	94	80	25	5	3	0	0	0	0	0	0	0	0	683	143	53	97					
SUB TOTAL :		1013	182	67	204	234	45	15	23	1333	182	19	585	20	3	0	0	2600	412	101	812					
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT																										
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY																										
222	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	107	13	1	23	0	0	0	0	182	40	5	53	6	2	0	0	295	55	6	76					
223	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	14	2	0	4	7	1	0	0	10	1	1	4	5	1	0	1	36	5	1	9					
SUB TOTAL :		121	15	1	27	7	1	0	0	192	41	6	57	11	3	0	1	331	60	7	85					
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT																										
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT																										
224	NATIONAL BACKWARD CLASSES FINANCE & DEVPCO.	18	2	0	2	14	2	0	4	18	4	0	7	0	0	0	0	50	8	0	13					
225	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	12	3	0	1	0	2	0	1	7	0	0	0	3	0	0	0	22	5	0	2					
226	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	38	9	2	5	41	20	2	10	0	0	0	0	0	0	0	0	79	29	4	15					
SUB TOTAL :		68	14	2	8	55	24	2	15	25	4	0	7	3	0	0	0	151	42	4	30					
MINISTRY OF STEEL																										
227	EASTERN INVESTMENT LTD.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0					
228	FERRO SCRAP NIGAM LTD	150	12	5	31	0	0	0	0	598	134	74	95	3	3	0	0	751	149	79	126					
229	J & K MINERAL DEVELOPMENT CORPN. LTD	1	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	4	0	0	0					
230	KIOCL LTD.	225	43	12	18	36	2	2	5	543	83	30	65	37	6	6	4	841	134	50	92					
231	M S T C LTD.	243	38	16	59	114	27	3	22	0	0	0	0	0	0	0	0	357	65	19	81					
232	MECON LTD.	1131	225	68	135	153	24	67	20	0	0	0	0	0	0	0	0	1284	249	135	155					

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	MOIL LTD.	339	65	12	83	131	22	8	46	1317	305	215	426	4261	818	1309	1564	6048	1210	1544	2119								
234	NMDC CSR FOUNDATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
235	NMDC Ltd.	1507	259	102	293	129	18	14	30	3318	605	1001	667	933	40	329	116	5887	922	1446	1106								
236	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	198	0	0	0	214	45	81	82	10	0	0	0	44	0	0	0	466	45	81	82								
237	RASHTRIYA ISPAT NIGAM LTD.	5949	1016	471	1039	6155	1046	431	263	3869	607	294	1460	1601	222	105	169	17574	2891	1301	2931								
238	SAIL REFRACTORY COMPANY LTD.	16	3	0	10	0	0	0	0	131	30	4	96	0	0	0	0	147	33	4	106								
239	STEEL AUTHORITY OF INDIA LTD.	11851	1990	854	1806	0	0	0	0	54523	10004	9985	8186	5965	106	18	0	72339	12100	10857	9992								
240	THE BISRA STONE LIME COMPANY LTD.	23	1	0	0	633	0	0	0	0	0	0	0	0	0	0	0	656	1	0	0								
SUB TOTAL :		21636	3652	1540	3474	7565	1184	606	468	64310	11768	11603	10995	12846	1195	1767	1853	106357	17799	15516	16790								
MINISTRY OF TEXTILES																													
241	BIRDS JUTE & EXPORTS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
242	BRITISH INDIA CORPORATION LTD.	1209	0	0	6	0	0	0	37	0	0	0	35	0	0	0	23	1209	0	0	101								
243	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	151	21	1	10	4	0	0	0	10	3	0	1	90	32	0	5	255	56	1	16								
244	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	20	3	5	1	22	3	1	4	21	5	0	6	19	7	2	4	82	18	8	15								
245	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	81	9	4	6	33	2	0	9	54	3	3	6	23	4	0	2	191	18	7	23								
246	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								
247	NATIONAL TEXTILE CORPN. LTD.	505	63	3	65	490	32	4	85	6824	1268	68	1659	1204	87	8	133	9023	1450	83	1942								
248	THE COTTON CORPN. OF INDIA LTD.	90	11	2	5	647	146	25	144	0	0	0	0	0	0	0	0	737	157	27	149								
249	THE JUTE CORPN. OF INDIA LTD.	100	8	8	5	0	0	0	0	80	16	4	10	30	6	2	1	210	30	14	16								
SUB TOTAL :		2156	115	23	98	1196	183	30	279	6989	1295	75	1717	1366	136	12	168	11707	1729	140	2262								

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 TOURISM																										
250	INDIA TOURISM DEV. CORPN. LTD.	181	30	4	24	36	5	1	1	621	187	15	28	72	36	1	1	910	258	21	54					
251	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0					
252	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1	0	0	0	6	0	1	6	8	2	0	6	0	0	0	0	15	2	1	12					
253	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					
254	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 :		184	31	4	24	74	5	2	7	630	195	22	36	72	40	6	3	960	271	34	70					
MINISTRY OF TRIBAL AFFAIRS																										
255	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	24	4	6	2	6	1	1	1	21	8	0	5	0	0	2	0	51	13	9	8					
SUB TOTAL :		24	4	6	2	6	1	1	1	21	8	0	5	0	0	2	0	51	13	9	8					
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION																										
256	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	252	43	8	46	132	17	5	11	280	19	5	0	0	0	0	0	664	79	18	57					
257	WAPCOS LTD.	679	87	15	99	82	12	1	14	151	29	5	35	111	31	4	16	1023	159	25	164					
SUB TOTAL :		931	130	23	145	214	29	6	25	431	48	10	35	111	31	4	16	1687	238	43	221					
DEPT. OF ATOMIC ENERGY																										
258	ELECTRONICS CORPN. OF INDIA LTD.	1421	248	140	302	0	0	0	0	345	53	47	34	128	40	3	17	1894	341	190	353					
259	IREL (INDIA) LTD.	431	60	0	87	0	0	12	0	628	104	22	213	319	93	6	126	1378	257	40	426					
260	NUCLEAR POWER CORPN. OF INDIA LTD.	4268	372	117	675	1868	289	115	566	5097	977	497	1392	0	0	0	0	11233	1638	729	2633					
261	URANIUM CORPORATION OF INDIA LTD.	267	31	22	44	298	33	40	49	1471	135	339	204	2694	271	1616	197	4730	470	2017	494					
SUB TOTAL :		6387	711	279	1108	2166	322	167	615	7541	1269	905	1843	3141	404	1625	340	19235	2706	2976	3906					

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

STATEMENT - 25
EQUITY PARTICIPATION BY UNDER CONSTRUCTION CPSEs AS ON 31.3.2019

(₹ in Lakhs)

S. No.	CPSE	Authorised Capital	Paid up Capital				Total
			Central Govt.	State Govt.	Holding Company	Others	
1	AJMER PHAGI TRANSCO LTD.	5	0	0	5	0	5
2	ANUSHAKTI VIDHYUT NIGAM LTD.	500	0	0	5	5	10
3	BALLABGARH - GN TRANSMISSION CO. LTD.	5	0	0	5	0	5
4	BHARAT GAS RESOURCES LTD.	16000	0	0	16000	0	16000
5	BHARAT PETRO RESOURCES JPDA	6000	0	0	6000	0	6000
6	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	500000	439112	0	22708	0	461820
7	BHIND GUNA TRANSMISSION LTD.	5	0	0	5	0	5
8	BIHAR INFRAPOWER LTD.	5	0	0	5	0	5
9	BIHAR MEGA POWER LTD.	5	0	0	5	0	5
10	BIJAWAR-VIDARBHA TRANSMISSION LTD	1	0	0	1	0	1
11	BUNDELKHAND SAUR URJA LTD.	6000	0	0	400	0	400
12	CHANDIL TRANSMISSION LTD.	5	0	0	5	0	5
13	CHEYUR INFRA LTD.	5	0	0	5	0	5
14	CHHATTISGARH EAST RAILWAYS LTD.	100000	0	1670	30172	12258	44100
15	CHHATTISGARH EAST-WEST RAILWAYS LTD.	111000	0	5001	32288	13117	50406
16	CHHATTISGARH MEGA STEEL CO. LTD.	5	0	0	5	0	5
17	CHHATTISGARH SURGUJA POWER LTD.	5	0	0	5	0	5
18	COASTAL KARNATAKA POWER LTD.	5	0	0	5	0	5
19	COASTAL MAHARASHTRA MEGA POWER LTD.	5	0	0	5	0	5
20	COASTAL TAMIL NADU POWER LTD.	5	0	0	5	0	5
21	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	2200000	1076873	0	0	0	1076873
22	DEOGHAR INFRA LTD.	5	0	0	5	0	5
23	DEOGHAR MEGA POWER LTD.	5	0	0	5	0	5
24	DINGCHANG TRANSMISSION LTD.	5	0	0	5	0	5
25	DUMKA TRANSMISSION LTD.	5	0	0	5	0	5
26	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	100	0	0	5	5	10
27	GHOARPALLI INTEGRATED POWER COMPANY LTD.	5	0	0	5	0	5
28	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0	0	0	0
29	HLL MEDIPARK LTD	1300	0	0	210	0	210
30	HOOGLY COCHIN SHIPYARD LTD.	2200	0	0	1628	572	2200
31	HPCL RAJASTHAN REFINERY LTD.	400000	0	31285	89040	0	120325
32	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	210000	119499	0	0	0	119499
33	INDO CAT PRIVATE LTD.	10000	0	0	1593	0	1593
34	INDO RUSSIAN HELICOPTERS LTD.	1000	0	0	505	495	1000
35	INLAND & COASTAL SHIPPING LTD.	1000	0	0	5	0	5
36	JAGDISHPUR PAPER MILLS LTD.	500	0	0	5	0	5
37	JAM KHAMALIYA TRANSCO LTD.	5	0	0	5	0	5
38	JHARKHAND CENTRAL RAILWAY LTD.	50000	500	0	3200	1300	5000
39	JHARKHAND INFRAPOWER LTD.	5	0	0	5	0	5
40	JHARKHAND KOLHAN STEEL LTD.	10	0	0	6	0	6

S. No.	CPSE	Authorised Capital	Paid up Capital				
			Central Govt.	State Govt.	Holding Company	Others	Total
41	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	100	0	0	1	0	1
42	KARNATAKA VIJAY NAGAR STEEL LTD.	10	0	0	10	0	10
43	KHETRI TRANSCO LTD.	5	0	0	5	0	5
44	KODERMA TRANSMISSION LTD.	5	0	0	5	0	5
45	KOLKATA METRO RAIL CORPORATION LTD.	140000	140000	0	0	0	140000
46	LAKADIA BANASKANTHA TRANSCO LTD.	5	0	0	5	0	5
47	MAHANADI BASIN POWER LTD.	5	0	0	5	0	5
48	MAHANADI COAL RAILWAY LTD.	5	0	0	3	2	5
49	MAMC INDUSTRIES LTD.	0	0	0	0	0	0
50	MANDAR TRANSMISSION LTD.	5	0	0	5	0	5
51	MJSJ COAL LTD.	20000	0	0	5706	3804	9510
52	MNH SHAKTI LTD.	10000	0	0	5957	2553	8510
53	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	5	0	0	5	0	5
54	NABINAGAR POWER GENERATING COMPANY LTD.	460000	0	0	398716	0	398716
55	NBCC ENVIRONMENT ENGINEERING LTD.	200	0	0	100	0	100
56	NBCC INTERNATIONAL LTD.	200	0	0	100	0	100
57	NEWSPACE INDIA LTD.	10000	1000	0	0	0	1000
58	NEYVELI UTTAR PRADESH POWER LTD	500000	0	0	86345	82959	169304
59	NMDC POWER LTD.	100	0	0	55	0	55
60	NMDC STEEL LTD.	30	0	0	6	0	6
61	NMDC-CMDC LTD.	20000	0	0	9835	9449	19284
62	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	1000	0	0	74	26	100
63	NPCIL - NALCO POWER COMPANY LTD.	100	0	0	7	3	10
64	ODISHA INFRAPOWER LTD.	5	0	0	5	0	5
65	OIL INDIA INTERNATIONAL LTD.	50000	0	0	10000	0	10000
66	ORISSA INTEGRATED POWER LTD.	5	0	0	5	0	5
67	POWER GRID MITHILANCHAL TRANSMISSION LTD.	5	0	0	5	0	5
68	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	0	0	0	0	0	0
69	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	100	0	0	1	0	1
70	POWER GRID VARANASI TRANSMISSION LTD.	5	0	0	5	0	5
71	POWER GRID VEMAGIRI TRANSMISSION LTD.	5	0	0	5	0	5
72	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	5	0	0	5	0	5
73	PUNJAB ASHOK HOTEL COMPANY LTD.	300	0	122	127	0	249
74	SAGARMALA DEVELOPMENT COMPANY LTD.	100000	34000	0	0	0	34000
75	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	5	0	0	5	0	5
76	SETHUSAMUDRAM CORPN. LTD.	100000	49500	0	0	25000	74500
77	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	1	0	0	1	0	1
78	SJVN THERMAL PVT. LTD.	300000	0	0	43668	0	43668
79	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	5	0	0	5	0	5

S. No.	CPSE	Authorised Capital	Paid up Capital				
			Central Govt.	State Govt.	Holding Company	Others	Total
80	TANDA TRANSMISSION COMPANY LTD.	5	0	0	5	0	5
81	TATIYA ANDHRA MEGA POWER LTD.	5	0	0	5	0	5
82	UDUPI KASARGODE TRANSMISSION LTD.	5	0	0	5	0	5
83	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	1	0	0	1	0	1
84	WRSS XXI(A) TRANSCO LIMITED	5	0	0	5	0	5
85	YULE ELECTRICAL LTD.	15000	0	0	5	0	5
86	YULE ENGINEERING COMPANY LTD.	15000	0	0	5	0	5
GRAND TOTAL :		5357943	1860484	38078	764679	151548	2814789

STATEMENT - 26
Procurement from Micro and small Enterprises (MSEs) by CPSEs during 2018-19

(₹ in Lakhs)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
1	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	13198	3355	0
2	BALMER LAWRIE & CO. LTD.	9547	6039	195
3	BEL OPTRONICS DEVICES LTD.	3483	4	0
4	BEL-THALES SYSTEMS LTD.	172	10	0
5	BEML LTD.	154944	32227	469
6	BHARAT BROADBAND NETWORK LTD.	61084	7312	0
7	BHARAT COKING COAL LTD.	7345	2308	0
8	BHARAT DYNAMICS LTD.	189273	33447	638
9	BHARAT ELECTRONICS LTD.	748187	58652	4281
10	BHARAT GAS RESOURCES LTD.	1560	211	0
11	BHARAT HEAVY ELECTRICALS LTD.	1786800	446700	0
12	BHARAT PETROLEUM CORPN. LTD.	1201924	305301	13310
13	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	3210	1710	136
14	BHARTIYA RAIL BIJLEE CO. LTD.	14121	2607	0
15	BHEL ELECTRICAL MACHINES LTD.	1130	188	0
16	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	327	144	0
17	BRAHMAPUTRA CRACKERS & POLYMER LTD.	62469	22617	0
18	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	3626	1258	53
19	BRAITHWAITE & CO. LTD.	56678	15565	2179
20	BRIDGE & ROOF CO.(INDIA) LTD.	131017	25710	32
21	BROADCAST ENGG. CONSULTANTS INDIA LTD.	9741	0	0
22	CEMENT CORPN. OF INDIA LTD.	3724	1147	0
23	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	4345	2152	37
24	CENTRAL ELECTRONICS LTD.	44950	23831	0
25	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2919	1540	0
26	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	3	2	0
27	CHANDIGARH INTERNATIONAL AIRPORT LTD.	88	0	0
28	CHENNAI PETROLEUM CORPORATION LTD.	78376	20446	602
29	COAL INDIA LTD.	323551	8337	23768
30	COCHIN SHIPYARD LTD.	69169	22930	163
31	CONCOR AIR LTD.	1428	110	6
32	CONTAINER CORPORATION OF INDIA LTD.	11597	3891	121
33	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	762495	559	0
34	E. C. G. C. LTD.	331	77	3
35	EASTERN COALFIELDS LTD.	16933	5486	0
36	ENGINEERING PROJECTS (INDIA) LTD.	8420	5503	0
37	ENGINEERS INDIA LTD.	64532	21932	33
38	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	347	97	0
39	FERRO SCRAP NIGAM LTD.	4779	1407	0
40	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	109684	19	0
41	FOOD CORPN. OF INDIA	13382174	0	0
42	FRESH & HEALTHY ENTERPRISES LTD.	446	0	0
43	GAIL (INDIA) LTD.	567676	166181	895

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
44	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1668	283	5
45	GOA SHIPYARD LTD.	195230	93870	1650
46	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1604	375	0
47	HIL (INDIA) LTD.	27895	3600	0
48	HINDUSTAN AERONAUTICS LTD.	866246	73389	1299
49	HINDUSTAN COPPER LTD.	29613	5906	12
50	HINDUSTAN FLUOROCARBONS LIMITED	1604	243	24
51	HINDUSTAN NEWSPRINT LTD.	471	140	0
52	HINDUSTAN ORGANIC CHEMICALS LTD.	25185	149	0
53	HINDUSTAN PETROLEUM CORPN. LTD.	1312926	431520	14121
54	HINDUSTAN SALTS LTD.	150	61	0
55	HINDUSTAN SHIPYARD LTD.	16703	2433	0
56	HLL BIOTECH LTD.	312	7	0
57	HLL INFRA TECH SERVICES LTD.	136500	2400	0
58	HLL LIFECARE LTD.	15577	4083	3
59	HMT LTD.	1045	65	6
60	HOOGHLY PRINTING COMPANY LTD.	46	0	0
61	HOTEL CORPN. OF INDIA LTD.	1363	100	0
62	HOUSING & URBAN DEV. CORPN. LTD.	1458	598	0
63	HPCL BIOFUELS LTD.	4288	1642	0
64	HPCL RAJASTHAN REFINERY LTD.	8804	27	0
65	HSCC (INDIA) LTD.	4300	26	0
66	I T I LTD.	30006	0	0
67	IIFCL ASSET MANAGEMENT COMPANY LTD.	1	0	0
68	INDIA TOURISM DEV. CORPN. LTD.	10679	2654	3
69	INDIA TRADE PROMOTION ORGANISATION	87	32	0
70	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	4966	0	0
71	INDIAN OIL CORPORATION LTD.	2970107	863372	14836
72	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	9662	1309	0
73	INDIAN RAILWAY FINANCE CORPORATION LTD.	294	183	0
74	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	105	41	3
75	IRCON INFRASTRUCTURE & SERVICES LTD.	4873	496	0
76	IRCON INTERNATIONAL LTD.	16164	7141	90
77	IRCON PB TOLLWAY LTD.	33000	33000	0
78	IRCON SHIVPURI GUNA TOLLWAY LTD.	1	1	0
79	IREL (INDIA) LTD.	24789	10042	84
80	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	3	0	0
81	KAMARAJAR PORT LTD.	1062	679	43
82	KANTI BIJLEE UTPADAN NIGAM LTD.	8797	3988	0
83	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	20478	3345	0
84	KARNATAKA TRADE PROMOTION ORGANISATION	80	63	5
85	KIOCL LTD.	3785	1029	0
86	KONKAN RAILWAY CORPORATION LTD.	8108	5547	1
87	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	1	0	0

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
88	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	1	0	0
89	M M T C LTD.	1466	1233	65
90	MADRAS FERTILIZERS LTD.	10000	2600	0
91	MAHANADI COALFIELDS LTD.	8181	3272	0
92	MANGALORE REFINERY & PETROCHEMICALS LTD.	185043	46796	574
93	MAZAGON DOCK SHIPBUILDERS LTD.	56672	17607	24
94	MECON LTD.	7526	2035	5
95	MINERAL EXPLORATION CORPN. LTD.	1434	737	224
96	MISHRA DHATU NIGAM LTD.	28891	8128	103
97	MOIL LTD.	9207	4247	0
98	NAINI AEROSPACE LTD.	486	0	0
99	NATIONAL ALUMINIUM COMPANY LTD.	176403	47253	1288
100	NATIONAL BACKWARD CLASSES FINANCE & DEVP. CO.	63	49	0
101	NATIONAL FERTILIZERS LTD.	52887	21473	111
102	NATIONAL FILM DEV. CORPN. LTD.	32222	2506	8
103	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	94966	21487	177
104	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	258	65	1
105	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	13	0
106	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	279	64	0
107	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	88	58	28
108	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	91	51	9
109	NATIONAL SEEDS CORPN. LTD.	2722	1852	0
110	NATIONAL SMALL INDUSTRIES CORPN. LTD.	3695	2488	148
111	NATIONAL TEXTILE CORPN. LTD.	6930	2348	57
112	NBCC (INDIA) LTD.	77	37	5
113	NEPA LTD.	6207	2	0
114	NHDC LTD.	9884	5322	214
115	NHPC LTD.	31545	21290	940
116	NLC INDIA LTD.	50102	9132	21
117	NLC TAMIL NADU POWER LTD.	3021	1230	0
118	NMDC Ltd.	15050	4931	816
119	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	131	60	33
120	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	18406	1303	63
121	NORTHERN COALFIELDS LTD.	312368	4205	0
122	NTPC LTD.	407258	153079	2509
123	NTPC VIDYUT VYAPAR NIGAM LTD.	227	29	0
124	NUCLEAR POWER CORPN. OF INDIA LTD.	44895	15659	132
125	OIL & NATURAL GAS CORPORATION LTD.	4446000	137972	2019
126	OIL INDIA LTD.	348056	59569	1100
127	ONGC MANGALORE PETROCHEMICALS LTD.	8397	3273	78
128	ONGC VIDESH LTD.	3935	2296	15
129	PATRATU VIDYUT UTPADAN NIGAM LTD.	9796	1250	1124

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
130	PONDICHERRY ASHOK HOTEL CORPN. LTD.	71	0	0
131	POWER GRID MITHILANCHAL TRANSMISSION LTD.	249	11	0
132	POWER FINANCE CORPORATION LTD.	2623	920	55
133	POWER GRID CORPORATION OF INDIA LTD.	292906	84853	222
134	POWER GRID JABALPUR TRANSMISSION LTD.	235	44	0
135	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	1864	49	0
136	POWER GRID PARLI TRANSMISSION LTD.	67	67	0
137	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	799	458	0
138	POWER GRID VARANASI TRANSMISSION LTD.	162	93	0
139	POWER GRID WARORA TRANSMISSION LTD.	197	137	0
140	POWER SYSTEM OPERATION CORPORATION LTD.	2494	865	27
141	PRIZE PETROLEUM COMPANY LTD.	235	141	0
142	PROJECTS & DEVELOPMENT INDIA LTD.	1674	900	0
143	RAIL VIKAS NIGAM LTD.	156	0	0
144	RAILTEL CORPORATION INDIA LTD.	284	76	6
145	RAILTEL ENTERPRISES LTD.	1055	1055	0
146	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	98	36	0
147	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	16940	6147	0
148	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	9	0	0
149	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	76494	28495	528
150	RASHTRIYA ISPAT NIGAM LTD.	244897	70181	0
151	REC LTD.	2258	366	0
152	REC POWER DISTRIBUTION CO. LTD.	9752	164	0
153	rites LTD.	5546	4228	3
154	SAIL REFRACTORY COMPANY LTD.	4705	1512	0
155	SAMBHAR SALTS LTD.	153	49	0
156	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	166915	36255	245
157	SHIPPING CORPORATION OF INDIA LTD.	53333	13604	0
158	SJVN LTD.	8531	5440	523
159	SOUTH EASTERN COALFIELDS LTD.	72336	18162	0
160	STATE TRADING CORPN. OF INDIA LTD.	336	214	87
161	STEEL AUTHORITY OF INDIA LTD.	614198	124147	271
162	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	84070	30420	1
163	THDC INDIA LTD.	2634	955	5
164	THE BISRA STONE LIME COMPANY LTD.	72	0	0
165	THE COTTON CORPN. OF INDIA LTD.	3275	2129	485
166	WAPCOS LTD.	81818	12818	0
167	WESTERN COALFIELDS LTD.	15867	8963	17
GRAND TOTAL :		33882013	3865806	93472

STATEMENT 27
CONTRIBUTION TO CENTRAL EXCHEQUER AS ON 2018-19

PAYMENT TO CENTRAL EXCHEQUER		(Rs in Lakhs)		
Sr. No.	CPSEs	2018-19	2017-18	2016-17
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	7253	9567	0
2	AGRINNOVATE INDIA LTD.	76	64	109
3	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	11171	11171
4	AIR INDIA ENGINEERING SERVICES LTD.	0	0	0
5	AIR INDIA EXPRESS LTD.	11127	0	1661
6	AIR INDIA LTD.	128895	94563	146516
7	AIRLINE ALLIED SERVICES LTD.	4409	5112	0
8	AIRPORTS AUTHORITY OF INDIA	743911	701433	444453
9	AJMER PHAGI TRANSCO LTD.	0	0	0
10	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORPLTD	0	0	0
11	ANDREW YULE & COMPANY LTD.	2927	1562	6577
12	ANTRIX CORPORATION LTD.	184474	90906	41436
13	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	0
14	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	25	146	184
15	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	0
16	BALMER LAWRIE & CO. LTD.	16528	15244	22062
17	BALMER LAWRIE INVESTMENTS LTD.	3407	3293	2968
18	BEL OPTRONICS DEVICES LTD.	460	2449	2742
19	BEL-THALES SYSTEMS LTD.	5	118	1
20	BEML LTD.	63540	85230	59233
21	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	350	84	872
22	BHARAT BROADBAND NETWORK LTD.	0	62	93
23	BHARAT COKING COAL LTD.	170966	174895	191553
24	BHARAT DYNAMICS LTD.	107628	96556	128246
25	BHARAT ELECTRONICS LTD.	279523	301512	286838
26	BHARAT GAS RESOURCES LTD,	0	0	0
27	BHARAT HEAVY ELECTRICALS LTD.	446855	268836	124553
28	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	418	0	0
29	BHARAT PETRO RESOURCES JPDA	1	2	2
30	BHARAT PETRO RESOURCES LTD.	236	93	119
31	BHARAT PETROLEUM CORPN. LTD.	4856235	4689922	4649643
32	BHARAT PUMPS & COMPRESSORS LTD.	560	637	380
33	BHARAT SANCHAR NIGAM LTD.	55375	0	0
34	BHARAT WAGON & ENGG. CO. LTD.	0	17	17
35	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	1188	792	1361
36	BHARTIYA RAIL BIJLEE CO. LTD.	1239	1065	360
37	BHEL ELECTRICAL MACHINES LTD.	0	72	135
38	BHIND GUNA TRANSMISSION LTD.	0	0	0
39	BIHAR INFRAPOWER LTD.	0	0	0
40	BIHAR MEGA POWER LTD.	0	0	0
41	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	0
42	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	0	0	0
43	BIRDS JUTE & EXPORTS LTD.	0	20	25
44	BPCL-KIAL FUEL FARM PVT. LTD.	0	0	0
45	BRAHAMPUTRA CRACKERS & POLYMER LTD.	8751	4359	4605

PAYMENT TO CENTRAL EXCHEQUER		(Rs in Lakhs)		
Sr. No.	CPSEs	2018-19	2017-18	2016-17
46	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	127	222	611
47	BRAITHWAITE & CO. LTD.	2682	658	583
48	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1888	1183	2665
49	BRIDGE & ROOF CO.(INDIA) LTD.	13236	11737	8488
50	BRITISH INDIA CORPORATION LTD.	0	0	0
51	BROADCAST ENGG. CONSULTANTS INDIA LTD.	1908	977	606
52	BUNDELKHAND SAUR URJA LTD.	0	0	0
53	BURN STANDARD COMPANY LTD.	0	217	217
54	CEMENT CORPN. OF INDIA LTD.	4984	4775	4373
55	CENTRAL COALFIELDS LTD.	445677	445922	506891
56	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	108	180	168
57	CENTRAL ELECTRONICS LTD.	640	1269	1201
58	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0
59	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	9479	14220	1411
60	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	919	1760	1552
61	CENTRAL WAREHOUSING CORPN.	14178	19057	20050
62	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	816	843	709
63	CHANDIGARH INTERNATIONAL AIRPORT LTD.	852	650	0
64	CHANDIL TRANSMISSION LTD.	1	0	0
65	CHENNAI PETROLEUM CORPORATION LTD.	1191355	1274134	1347062
66	CHEYYUR INFRA LTD.	0	0	0
67	CHHATTISGARH EAST RAILWAYS LTD.	25	30	78
68	CHHATTISGARH EAST-WEST RAILWAYS LTD.	16	395	354
69	CHHATTISGARH MEGA STEEL CO. LTD.	0	0	0
70	CHHATTISGARH SURGUJA POWER LTD.	0	0	0
71	COAL INDIA LTD.	834521	852084	1057330
72	COASTAL KARNATAKA POWER LTD.	0	0	0
73	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	0
74	COASTAL TAMIL NADU POWER LTD.	0	0	0
75	COCHIN SHIPYARD LTD.	53756	22166	18617
76	CONCOR AIR LTD.	375	696	742
77	CONTAINER CORPORATION OF INDIA LTD.	106423	95050	77501
78	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	31186	20396	21944
79	DELHI POLICE HOUSING CORPORATION LTD.	0	0	21
80	DEOGHAR INFRA LTD.	0	0	0
81	DEOGHAR MEGA POWER LTD.	0	0	0
82	DINGCHANG TRANSMISSION LTD.	0	0	0
83	DUMKA TRANSMISSION LTD.	1	0	0
84	E. C. G. C. LTD.	10474	179	8884
85	EASTERN COALFIELDS LTD.	25261	22267	237980
86	EASTERN INVESTMENT LTD.	2	69	69
87	EdCIL(India) Ltd.	4564	3743	2822
88	ELECTRONICS CORPN. OF INDIA LTD.	9109	11675	21841
89	ENGINEERING PROJECTS (INDIA) LTD.	657	475	415
90	ENGINEERS INDIA LTD.	60309	59015	42997
91	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	0	0	0
92	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2808	2908	2959
93	FERRO SCRAP NIGAM LTD.	3548	3672	5722

PAYMENT TO CENTRAL EXCHEQUER		(Rs in Lakhs)		
Sr. No.	CPSEs	2018-19	2017-18	2016-17
94	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	9277	11360	5091
95	FOOD CORPN. OF INDIA	5476	4326	11678
96	FRESH & HEALTHY ENTERPRISES LTD.	64	28	4
97	GAIL (INDIA) LTD.	529491	417235	374714
98	GAIL GAS LTD.	65459	5138	1916
99	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	11115	21657	15785
100	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	0
101	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	84	618	394
102	GOA SHIPYARD LTD.	14331	23131	6844
103	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	222	5546	5254
104	HEAVY ENGINEERING CORPN. LTD.	2126	9313	2485
105	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0
106	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	124	5
107	HIL (INDIA) LTD.	4686	2372	1626
108	HINDUSTAN AERONAUTICS LTD.	387180	583096	435854
109	HINDUSTAN ANTIBIOTICS LTD.	759	302	273
110	HINDUSTAN CABLES LTD.	362	4173	4409
111	HINDUSTAN COPPER LTD.	22525	19071	16224
112	HINDUSTAN FERTILIZER CORPN. LTD.	4261	1299	0
113	HINDUSTAN FLUOROCARBONS LIMITED	233	292	293
114	HINDUSTAN NEWSPRINT LTD.	142	460	785
115	HINDUSTAN ORGANIC CHEMICALS LTD.	2718	6614	0
116	HINDUSTAN PAPER CORPORATION LTD.	0	0	0
117	HINDUSTAN PETROLEUM CORPN. LTD.	3021652	3100366	3205276
118	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0
119	HINDUSTAN PREFAB LTD.	564	1112	1414
120	HINDUSTAN SALTS LTD.	471	452	465
121	HINDUSTAN SHIPYARD LTD.	3576	3382	547
122	HINDUSTAN STEELWORKS COSTN. LTD.	2876	2015	2564
123	HLL BIOTECH LTD.	2	99	376
124	HLL INFRA TECH SERVICES LTD.	1933	961	922
125	HLL LIFECARE LTD.	4062	2579	3467
126	HLL MEDIPARK LTD	0	0	0
127	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	0
128	HMT (INTERNATIONAL) LTD.	28	28	64
129	HMT BEARINGS LTD.	0	28	52
130	HMT CHINAR WATCHES LTD.	0	0	11
131	HMT LTD.	119	256	4571
132	HMT MACHINE TOOLS LTD.	834	1813	2966
133	HMT WATCHES LTD.	0	0	59
134	HOOGHLY DOCK AND PORT ENGINEERS LTD.	134	8128	8128
135	HOOGHLY PRINTING COMPANY LTD.	0	29	24
136	HOOGLY COCHIN SHIPYARD LTD.	54	8	0
137	HOTEL CORPN. OF INDIA LTD.	449	366	176
138	HOUSING & URBAN DEV. CORPN. LTD.	76960	59521	63211
139	HPCL BIOFUELS LTD.	48	624	1073
140	HPCL RAJASTHAN REFINERY LTD.	219	0	0
141	HSCC (INDIA) LTD.	0	5015	5000

PAYMENT TO CENTRAL EXCHEQUER		(Rs in Lakhs)		
Sr. No.	CPSEs	2018-19	2017-18	2016-17
142	I T I LTD.	2357	2453	10079
143	IDPL (TAMILNADU) LTD.	0	0	0
144	IIFCL ASSET MANAGEMENT COMPANY LTD.	231	220	123
145	IIFCL PROJECTS LTD.	0	0	0
146	INDIA INFRASTRUCTURE FINANCE CO. LTD.	0	29192	32776
147	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	0	0	0
148	INDIA TOURISM DEV. CORPN. LTD.	4738	3730	9258
149	INDIA TRADE PROMOTION ORGANISATION	2403	1994	3597
150	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0
151	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	18	210	210
152	INDIAN OIL CORPORATION LTD.	10139540	10336126	10281657
153	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	41215	26416	39317
154	INDIAN RAILWAY FINANCE CORPORATION LTD.	238952	123832	111449
155	INDIAN RENEWABLE ENERGY DEV'T.AGENCY LTD.	23939	30014	28702
156	INDIAN VACCINE CORP. LTD.	0	0	0
157	INDO CAT PRIVATE LTD.	0	0	0
158	INDO RUSSIAN HELICOPTERS LTD.	0	0	0
159	INLAND & COASTAL SHIPPING LTD.	0	0	0
160	INSTRUMENTATION LTD.	2727	2727	2727
161	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	784	0	0
162	IRCON INFRASTRUCTURE & SERVICES LTD.	144	81	23
163	IRCON INTERNATIONAL LTD.	33351	29404	12188
164	IRCON PB TOLLWAY LTD.	583	604	504
165	IRCON SHIVPURI GUNA TOLLWAY LTD.	919	1252	886
166	IRCON VADODARA KIM EXPRESSWAY LTD.	5	0	0
167	IREL (INDIA) LTD.	14166	7251	3905
168	J & K MINERAL DEVELOPMENT CORPN. LTD.	4	0	0
169	JAGDISHPUR PAPER MILLS LTD.	0	0	0
170	JAM KHAMBALIYA TRANSCO LTD.	0	0	0
171	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	238	191	215
172	JHARKHAND CENTRAL RAILWAY LTD.	0	0	0
173	JHARKHAND INFRAPOWER LTD.	0	0	0
174	JHARKHAND KOLHAN STEEL LTD.	0	0	0
175	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	0
176	KAMARAJAR PORT LTD.	25463	23972	21081
177	KANTI BIJLEE UTPADAN NIGAM LTD.	16	155	218
178	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	5660	4741	3509
179	KARNATAKA TRADE PROMOTION ORGANISATION	25	7	48
180	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	0
181	KHETRI TRANSCO LTD.	0	0	0
182	KIOCL LTD.	5333	7168	5878
183	KODERMA TRANSMISSION LTD.	1	0	0
184	KOLKATA METRO RAIL CORPORATION LTD.	989	809	0
185	KONKAN RAILWAY CORPORATION LTD.	11602	2483	843
186	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	924	807	678
187	LAKADIA BANASKANTHA TRANSCO LTD.	0	0	0
188	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	18	25	128
189	M M T C LTD.	97440	68501	47640

PAYMENT TO CENTRAL EXCHEQUER		(Rs in Lakhs)		
Sr. No.	CPSEs	2018-19	2017-18	2016-17
190	M S T C LTD.	9125	8011	7817
191	MADRAS FERTILIZERS LTD.	0	1400	571
192	MAHANADI BASIN POWER LTD.	0	0	0
193	MAHANADI COAL RAILWAY LTD.	0	0	0
194	MAHANADI COALFIELDLS LTD.	1016186	981731	1017427
195	MAHANAGAR TELEPHONE NIGAM LTD.	22010	18304	36245
196	MAMC INDUSTRIES LTD.	0	0	0
197	MANDAR TRANSMISSION LTD.	1	0	0
198	MANGALORE REFINERY & PETROCHEMICALS LTD.	1153580	1596100	1727224
199	MAZAGON DOCK SHIPBUILDERS LTD.	59744	69701	58369
200	MECON LTD.	7645	6101	7790
201	MILLENNIUM TELECOM LTD.	47	205	68
202	MINERAL EXPLORATION CORPN. LTD.	10999	11946	12882
203	MISHRA DHATU NIGAM LTD.	19502	15048	16923
204	MJSJ COAL LTD.	0	0	0
205	MNH SHAKTI LTD.	0	0	0
206	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	0
207	MOIL LTD.	38115	38924	19730
208	MUMBAI RAILWAY VIKAS CORPORATION LTD.	5	56	50
209	NABINAGAR POWER GENERATING COMPANY LTD.	0	0	0
210	NAGALAND PULP & PAPER COMPANY LTD.	0	0	0
211	NAINI AEROSPACE LTD.	5	8	0
212	NATIONAL ALUMINIUM COMPANY LTD.	250693	185709	128831
213	NATIONAL BACKWARD CLASSES FINANCE & DEVPCO.	0	0	0
214	NATIONAL FERTILIZERS LTD.	41649	23921	27156
215	NATIONAL FILM DEV. CORPN. LTD.	956	1670	683
216	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	0	0	0
217	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	873	2644	2568
218	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	2416	1637	198
219	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	551	5766	7127
220	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	86
221	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	0	0	0
222	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	8601	2661	0
223	NATIONAL RESEARCH DEVELOPMENT CORPN.	146	200	149
224	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	0	2	101
225	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	235	5	177
226	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	1	1
227	NATIONAL SEEDS CORPN. LTD.	1802	1344	2245
228	NATIONAL SMALL INDUSTRIES CORPN. LTD.	4506	6222	6504
229	NATIONAL TEXTILE CORPN. LTD.	0	1792	936
230	NBCC (INDIA) LTD.	20914	17969	17792
231	NBCC ENGINEERING AND CONSULTANCY LTD.	51	26	55
232	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	0
233	NBCC INTERNATIONAL LTD.	0	0	0
234	NBCC SERVICES LTD.	2356	505	1858
235	NEPA LTD.	124	23	51
236	NEWSPACE INDIA LTD.	0	0	0
237	NEYVELI UTTAR PRADESH POWER LTD	3621	5	17

PAYMENT TO CENTRAL EXCHEQUER		(Rs in Lakhs)		
Sr. No.	CPSEs	2018-19	2017-18	2016-17
238	NHDC LTD.	58202	106205	61156
239	NHPC LTD.	175930	174645	317093
240	NLC INDIA LTD.	125186	135427	217157
241	NLC TAMIL NADU POWER LTD.	4544	6282	22090
242	NMDC CSR FOUNDATION	1	0	0
243	NMDC Ltd.	537640	430553	1064628
244	NMDC POWER LTD.	0	0	0
245	NMDC STEEL LTD.	0	0	0
246	NMDC-CMDC LTD.	0	0	0
247	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	0	19	4
248	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	27715	21032	25449
249	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0
250	NORTHERN COALFIELDS LTD.	740065	564549	628796
251	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	2	2	3
252	NPCIL - NALCO POWER COMPANY LTD.	0	0	0
253	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	0	0
254	NTPC LTD.	800624	187311	606454
255	NTPC VIDYUT VYAPAR NIGAM LTD.	3570	4490	4116
256	NUCLEAR POWER CORPN. OF INDIA LTD.	331456	474739	188633
257	NUMALIGARH REFINERY LTD.	394742	437924	389011
258	ODISHA INFRAPOWER LTD.	0	0	0
259	OIL & NATURAL GAS CORPORATION LTD.	2018959	1334613	1342703
260	OIL INDIA INTERNATIONAL LTD.	0	0	0
261	OIL INDIA LTD.	216030	295828	183671
262	ONGC MANGALORE PETROCHEMICALS LTD.	36	56	12
263	ONGC VIDESH LTD.	6218	5128	770
264	ORISSA DRUGS & CHEMICALS LTD.	0	105	105
265	ORISSA INTEGRATED POWER LTD.	0	0	0
266	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	65	265	265
267	P E C LTD.	1327	15349	12949
268	PATRATU VIDYUT UTPADAN NIGAM LTD.	1906	1216	299
269	PAWAN HANS LTD.	10123	3185	0
270	PFC CONSULTING LTD.	3394	2992	3518
271	PONDICHERRY ASHOK HOTEL CORPN. LTD.	19	34	59
272	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	0
273	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	0	0	0
274	POWER FINANCE CORPORATION LTD.	249006	314136	345683
275	POWER GRID CORPORATION OF INDIA LTD.	657287	526604	355907
276	POWER GRID JABALPUR TRANSMISSION LTD.	368	375	346
277	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	441	1	0
278	POWER GRID PARLI TRANSMISSION LTD.	2362	1524	68
279	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	53	2	1
280	POWER GRID VARANASI TRANSMISSION LTD.	0	0	0
281	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	0
282	POWER GRID WARORA TRANSMISSION LTD.	2435	3258	172
283	POWER SYSTEM OPERATION CORPORATION LTD.	3260	2696	1270
284	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	0	0	0
285	POWERGRID KALA AMB TRANSMISSION LTD.	585	703	0

PAYMENT TO CENTRAL EXCHEQUER		(Rs in Lakhs)		
Sr. No.	CPSEs	2018-19	2017-18	2016-17
286	POWERGRID NM TRANSMISSION LTD.	14	9	264
287	POWERGRID UNCHAHAR TRANSMISSION LTD.	422	40	0
288	POWERGRID VIZAG TRANSMISSION LTD.	3736	2092	2
289	PRIZE PETROLEUM COMPANY LTD.	0	42	60
290	PROJECTS & DEVELOPMENT INDIA LTD.	1429	885	1181
291	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	0
292	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	79	0
293	RAIL VIKAS NIGAM LTD.	31780	36545	47897
294	RAILTEL CORPORATION INDIA LTD.	18111	20962	15541
295	RAILTEL ENTERPRISES LTD.	177	37	31
296	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	2787	1709	1381
297	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	75	75
298	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	905	1335	1515
299	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	5	9
300	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	31218	47478	36264
301	RASHTRIYA ISPAT NIGAM LTD.	251812	181033	150143
302	REC LTD.	262444	376220	408502
303	REC POWER DISTRIBUTION CO. LTD.	3135	1860	5020
304	REC TRANSMISSION PROJECTS CO. LTD.	3042	1597	2299
305	RICHARDSON & CRUDDAS(1972) LTD.	0	0	296
306	rites INFRASTRUCTURE SERVICES LTD.	0	0	0
307	rites LTD.	49604	45192	27436
308	SAGARMALA DEVELOPMENT COMPANY LTD.	277	129	0
309	SAIL REFRACTORY COMPANY LTD.	3745	2447	2975
310	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	0
311	SAMBHAR SALTS LTD.	15	19	23
312	SCOOTERS INDIA LTD.	430	325	1240
313	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	71652	63990	19205
314	SETHUSAMUDRAM CORPN. LTD.	0	0	0
315	SHIPPING CORPORATION OF INDIA LTD.	22931	26489	33439
316	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0	0
317	SIDCUL CONCOR INFRA COMPANY LTD.	19	122	129
318	SJVN LTD.	93459	57919	130892
319	SJVN THERMAL PVT. LTD.	8	8	138
320	SOLAR ENERGY CORPORATION OF INDIA	9599	8347	3280
321	SOUTH EASTERN COALFIELDS LTD.	691457	835957	1051058
322	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	0
323	STATE TRADING CORPN. OF INDIA LTD.	76999	94115	42951
324	STCL LTD.	0	0	0
325	STEEL AUTHORITY OF INDIA LTD.	1091569	689371	778756
326	TAMIL NADU TRADE PROMOTION ORGANISATION	541	507	497
327	TANDA TRANSMISSION COMPANY LTD.	0	0	0
328	TATTIYA ANDHRA MEGA POWER LTD.	0	0	0
329	TCIL BINA TOLL ROAD LTD.	0	0	0
330	TCIL LAKHNADONE TOLL ROAD LTD.	0	1	1
331	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4121	4188	3029
332	THDC INDIA LTD.	67638	52389	51320
333	THE BISRA STONE LIME COMPANY LTD.	86	74	74

PAYMENT TO CENTRAL EXCHEQUER		(Rs in Lakhs)		
Sr. No.	CPSEs	2018-19	2017-18	2016-17
334	THE COTTON CORPN. OF INDIA LTD.	11207	3600	3234
335	THE FERTILIZER CORPN. OF INDIA LTD.	1707	3313	556
336	THE JUTE CORPN. OF INDIA LTD.	1751	313	295
337	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0
338	UDUPI KASARGODE TRANSMISSION LTD.	0	0	0
339	URANIUM CORPORATION OF INDIA LTD.	6516	7231	9450
340	UTKAL ASHOK HOTEL CORPN. LTD.	1	0	0
341	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	0	0	0
342	VIGNYAN INDUSTRIES LTD.	132	164	206
343	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	0	0	0
344	WAPCOS LTD.	22248	15663	13818
345	WESTERN COALFIELDS LTD.	235035	161645	26971
346	WRSS XXI(A) TRANSCO LIMITED	0	0	0
347	YULE ELECTRICAL LTD.	0	0	0
348	YULE ENGINEERING COMPANY LTD.	0	0	0
TOTAL		36880293	35236114	36071889

**CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT MINISTRIES/
DEPARTMENTS AS ON 31.3.2019**

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	BRAHAMPUTRA 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	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1943
11	HINDUSTAN FERTILIZER CORPN. LTD.	1978
12	MADRAS FERTILIZERS LTD.	1966
13	NATIONAL FERTILIZERS LTD.	1974
14	PROJECTS & DEVELOPMENT INDIA LTD.	1978
15	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	1978
16	THE FERTILIZER CORPN. OF INDIA LTD.	1961
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

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
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
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 COALFIELDLS 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 INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	2018
55	INDIA TRADE PROMOTION ORGANISATION	1976
56	KARNATAKA TRADE PROMOTION ORGANISATION	2000
57	M M T C LTD.	1963
58	P E C LTD.	1971
59	STATE TRADING CORPN. OF INDIA LTD.	1956
60	STCL LTD.	1982
61	TAMIL NADU TRADE PROMOTION ORGANISATION	2000

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
MINISTRY OF COMMERCE & INDUSTRY		
D/O PROMOTION OF INDUSTRY AND INTERNAL TRADE		
62	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	2005
MINISTRY OF COMMUNICATION		
D/O TELECOMMUNICATIONS		
63	BHARAT BROADBAND NETWORK LTD.	2012
64	BHARAT SANCHAR NIGAM LTD.	2000
65	HEMISPHERE PROPERTIES INDIA LTD.	2005
66	I T I LTD.	1950
67	MAHANAGAR TELEPHONE NIGAM LTD.	1986
68	MILLENNIUM TELECOM LTD.	2000
69	TCIL BINA TOLL ROAD LTD.	2012
70	TCIL LAKHNADONE TOLL ROAD LTD.	2013
71	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1978
MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION		
D/O FOOD & PUBLIC DISTRIBUTION		
72	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2007
73	CENTRAL WAREHOUSING CORPN.	1957
74	FOOD CORPN. OF INDIA	1965
MINISTRY OF DEFENCE		
D/O DEFENCE PRODUCTION		
75	BEL OPTRONICS DEVICES LTD.	1990
76	BEL-THALES SYSTEMS LTD.	2014
77	BEML LTD.	1964
78	BHARAT DYNAMICS LTD.	1970
79	BHARAT ELECTRONICS LTD.	1954
80	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	1934
81	GOA SHIPYARD LTD.	1957
82	HINDUSTAN AERONAUTICS LTD.	1964
83	HINDUSTAN SHIPYARD LTD.	1952
84	INDO RUSSIAN HELICOPTERS LTD.	2017
85	MAMC INDUSTRIES LTD.	2010
86	MAZAGON DOCK SHIPBUILDERS LTD.	1934
87	MISHRA DHATU NIGAM LTD.	1973
88	NAINI AEROSPACE LTD.	2016
89	VIGNYAN INDUSTRIES LTD.	1963
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION		
90	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	1977
91	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	1982

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY		
92	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	1995
MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE		
93	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	1977
MINISTRY OF FINANCE		
D/O ECONOMIC AFFAIRS		
94	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	2006
MINISTRY OF FINANCE		
D/O FINANCIAL SERVICES		
95	IIFCL ASSET MANAGEMENT COMPANY LTD.	2012
96	IIFCL PROJECTS LTD.	2012
97	INDIA INFRASTRUCTURE FINANCE CO. LTD.	2006
MINISTRY OF HEALTH & FAMILY WELFARE		
DEPARTMENT OF HEALTH AND FAMILY WELFARE		
98	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1980
99	HLL BIOTECH LTD.	2012
100	HLL INFRA TECH SERVICES LTD.	2014
101	HLL LIFECARE LTD.	1966
102	HLL MEDIPARK LTD	2016
103	HLL MOTHER & CHILD CARE HOSPITALS LTD.	2017
104	HSCC (INDIA) LTD.	1983
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES		
D/O HEAVY INDUSTRIES		
105	ANDREW YULE & COMPANY LTD.	1919
106	BHARAT HEAVY ELECTRICALS LTD.	1964
107	BHARAT PUMPS & COMPRESSORS LTD.	1970
108	BHEL ELECTRICAL MACHINES LTD.	2011
109	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1935
110	BRIDGE & ROOF CO.(INDIA) LTD.	1920
111	CEMENT CORPN. OF INDIA LTD.	1965
112	ENGINEERING PROJECTS (INDIA) LTD.	1970
113	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	2016
114	HEAVY ENGINEERING CORPN. LTD.	1958
115	HINDUSTAN CABLES LTD.	1952
116	HINDUSTAN NEWSPRINT LTD.	1983
117	HINDUSTAN PAPER CORPORATION LTD.	1970
118	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	1960
119	HINDUSTAN SALTS LTD.	1958
120	HMT (INTERNATIONAL) LTD.	1974

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
121	HMT BEARINGS LTD.	1964
122	HMT CHINAR WATCHES LTD.	2000
123	HMT LTD.	1953
124	HMT MACHINE TOOLS LTD.	1999
125	HMT WATCHES LTD.	1999
126	HOOGHLY PRINTING COMPANY LTD.	1922
127	INSTRUMENTATION LTD.	1964
128	JAGDISHPUR PAPER MILLS LTD.	2008
129	NAGALAND PULP & PAPER COMPANY LTD.	1971
130	NEPA LTD.	1947
131	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1981
132	RICHARDSON & CRUDDAS(1972) LTD.	1973
133	SAMBHAR SALTS LTD.	1964
134	SCOOTERS INDIA LTD.	1972
135	TUNGABHADRA STEEL PRODUCTS LTD.	1960
136	YULE ELECTRICAL LTD.	2007
137	YULE ENGINEERING COMPANY LTD.	2007
MINISTRY OF HOME AFFAIRS		
138	DELHI POLICE HOUSING CORPORATION LTD.	2007
MINISTRY OF HOUSING & URBAN AFFAIRS		
139	HINDUSTAN PREFAB LTD.	1953
140	HINDUSTAN STEELWORKS COSTN. LTD.	1964
141	HOUSING & URBAN DEV. CORPN. LTD.	1970
142	NBCC (INDIA) LTD.	1960
143	NBCC ENGINEERING AND CONSULTANCY LTD.	2015
144	NBCC ENVIRONMENT ENGINEERING LTD.	2017
145	NBCC INTERNATIONAL LTD.	2017
146	NBCC SERVICES LTD.	2014
MINISTRY OF HUMAN RESOURCE DEVELOPMENT		
D/O HIGHER EDUCATION		
147	EdCIL(India) Ltd.	1981
MINISTRY OF INFORMATION & BROADCASTING		
148	BROADCAST ENGG. CONSULTANTS INDIA LTD.	1995
149	NATIONAL FILM DEV. CORPN. LTD.	1975
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES		
150	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1955
MINISTRY OF MINES		
151	HINDUSTAN COPPER LTD.	1967

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
152	MINERAL EXPLORATION CORPN. LTD.	1972
153	NATIONAL ALUMINIUM COMPANY LTD.	1981
MINISTRY OF MINORITIES AFFAIRS		
154	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	1994
MINISTRY OF NEW AND RENEWABLE ENERGY		
155	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	1987
156	SOLAR ENERGY CORPORATION OF INDIA	2011
MINISTRY OF PETROLEUM & NATURAL GAS		
157	BALMER LAWRIE & CO. LTD.	1924
158	BALMER LAWRIE INVESTMENTS LTD.	2001
159	BHARAT GAS RESOURCES LTD,	2018
160	BHARAT PETRO RESOURCES JPDA	2006
161	BHARAT PETRO RESOURCES LTD.	2006
162	BHARAT PETROLEUM CORPN. LTD.	1976
163	BPCL-KIAL FUEL FARM PVT. LTD.	2015
164	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	1994
165	CHENNAI PETROLEUM CORPORATION LTD.	1965
166	ENGINEERS INDIA LTD.	1965
167	GAIL (INDIA) LTD.	1984
168	GAIL GAS LTD.	2008
169	HINDUSTAN PETROLEUM CORPN. LTD.	1952
170	HPCL BIOFUELS LTD.	2009
171	HPCL RAJASTHAN REFINERY LTD.	2012
172	INDIAN OIL CORPORATION LTD.	1964
173	INDO CAT PRIVATE LTD.	2006
174	MANGALORE REFINERY & PETROCHEMICALS LTD.	1988
175	NUMALIGARH REFINERY LTD.	1993
176	OIL & NATURAL GAS CORPORATION LTD.	1993
177	OIL INDIA INTERNATIONAL LTD.	2012
178	OIL INDIA LTD.	1959
179	ONGC MANGALORE PETROCHEMICALS LTD.	2015
180	ONGC VIDESH LTD.	1965
181	PRIZE PETROLEUM COMPANY LTD.	1998
182	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	2014
MINISTRY OF POWER		
183	AJMER PHAGI TRANSCO LTD.	2019
184	BALLABGARH - GN TRANSMISSION CO. LTD.	2013
185	BHARTIYA RAIL BIJLEE CO. LTD.	2007
186	BHIND GUNA TRANSMISSION LTD.	2018
187	BIHAR INFRAPOWER LTD.	2015

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
188	BIHAR MEGA POWER LTD.	2015
189	BIJAWAR-VIDARBHA TRANSMISSION LTD	2017
190	BUNDELKHAND SAUR URJA LTD.	2014
191	CHANDIL TRANSMISSION LTD.	2017
192	CHEYYUR INFRA LTD.	2014
193	CHHATTISHGARH SURGUJA POWER LTD.	2006
194	COASTAL KARNATAKA POWER LTD.	2006
195	COASTAL MAHARASHTRA MEGA POWER LTD.	2006
196	COASTAL TAMIL NADU POWER LTD.	2007
197	DEOGHAR INFRA LTD.	2015
198	DEOGHAR MEGA POWER LTD.	2012
199	DINGCHANG TRANSMISSION LTD.	2015
200	DUMKA TRANSMISSION LTD.	2018
201	GHOARPALLI INTEGRATED POWER COMPANY LTD.	2009
202	JAM KHAMBALIYA TRANSCO LTD.	2019
203	JHARKHAND INFRAPOWER LTD.	2015
204	KANTI BIJLEE UTPADAN NIGAM LTD.	2006
205	KHETRI TRANSCO LTD.	2019
206	KODERMA TRANSMISSION LTD.	2018
207	LAKADIA BANASKANTHA TRANSCO LTD.	2019
208	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	2009
209	MANDAR TRANSMISSION LTD.	2018
210	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	2014
211	NABINAGAR POWER GENERATING COMPANY LTD.	2008
212	NHDC LTD.	2000
213	NHPC LTD.	1975
214	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1976
215	NTPC ELECTRIC SUPPLY COMPANY LTD.	2002
216	NTPC LTD.	1975
217	NTPC VIDYUT VYAPAR NIGAM LTD.	2002
218	ODISHA INFRAPOWER LTD.	2014
219	ORISSA INTEGRATED POWER LTD.	2006
220	PATRATU VIDYUT UTPADAN NIGAM LTD.	2015
221	PFC CONSULTING LTD.	2008
222	POWER GRID MITHILANCHAL TRANSMISSION LTD.	2017
223	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	2008
224	POWER FINANCE CORPORATION LTD.	1986
225	POWER GRID CORPORATION OF INDIA LTD.	1989
226	POWER GRID JABALPUR TRANSMISSION LTD.	2014
227	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	2016
228	POWER GRID PARLI TRANSMISSION LTD.	2014
229	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	2015
230	POWER GRID VARANASI TRANSMISSION LTD.	2017
231	POWER GRID VEMAGIRI TRANSMISSION LTD.	2011

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
232	POWER GRID WARORA TRANSMISSION LTD.	2014
233	POWER SYSTEM OPERATION CORPORATION LTD.	2009
234	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	2018
235	POWERGRID KALA AMB TRANSMISSION LTD.	2014
236	POWERGRID NM TRANSMISSION LTD.	2011
237	POWERGRID UNCHAHAR TRANSMISSION LTD.	2012
238	POWERGRID VIZAG TRANSMISSION LTD.	2011
239	REC LTD.	1969
240	REC POWER DISTRIBUTION CO. LTD.	2007
241	REC TRANSMISSION PROJECTS CO. LTD.	2007
242	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	2009
243	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	2017
244	SJVN LTD.	1988
245	SJVN THERMAL PVT. LTD.	1988
246	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	2015
247	TANDA TRANSMISSION COMPANY LTD.	2013
248	TATIYA ANDHRA MEGA POWER LTD.	2010
249	THDC INDIA LTD.	1988
250	UDUPI KASARGODE TRANSMISSION LTD.	2018
251	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	2018
252	WRSS XXI(A) TRANSCO LIMITED	2019
MINISTRY OF RAILWAYS		
253	BHARAT WAGON & ENGG. CO. LTD.	1978
254	BRAITHWAITE & CO. LTD.	1976
255	BURN STANDARD COMPANY LTD.	1976
256	CONCOR AIR LTD.	2012
257	CONTAINER CORPORATION OF INDIA LTD.	1988
258	DEDICATED FREIGHT CORRIDOR CORP. OF INDIA LTD.	2007
259	FRESH & HEALTHY ENTERPRISES LTD.	2006
260	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	2012
261	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1999
262	INDIAN RAILWAY FINANCE CORPORATION LTD.	1986
263	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	2017
264	IRCON INFRASTRUCTURE & SERVICES LTD.	2009
265	IRCON INTERNATIONAL LTD.	1976
266	IRCON PB TOLLWAY LTD.	2014
267	IRCON SHIVPURI GUNA TOLLWAY LTD.	2015
268	IRCON VADODARA KIM EXPRESSWAY LTD.	2019
269	KOLKATA METRO RAIL CORPORATION LTD.	2010
270	KONKAN RAILWAY CORPORATION LTD.	1990
271	MUMBAI RAILWAY VIKAS CORPORATION LTD.	1999
272	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	2014
273	RAIL VIKAS NIGAM LTD.	2003

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
274	RAILTEL CORPORATION INDIA LTD.	2000
275	RAILTEL ENTERPRISES LTD.	2014
276	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	2013
277	rites infrastructure services ltd.	2010
278	rites ltd.	1974
279	SIDCUL CONCOR INFRA COMPANY LTD.	2013
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS		
280	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	2014
MINISTRY OF SCIENCE & TECHNOLOGY		
DEPT. OF BIOTECHNOLOGY		
281	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	1989
282	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	2012
283	INDIAN VACCINE CORP. LTD.	1989
MINISTRY OF SCIENCE & TECHNOLOGY		
DEPT. OF SCIENTIFIC & INDUSTRIAL RESEARCH		
284	CENTRAL ELECTRONICS LTD.	1974
285	NATIONAL RESEARCH DEVELOPMENT CORPN.	1953
MINISTRY OF SHIPPING		
286	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	1967
287	COCHIN SHIPYARD LTD.	1972
288	HOOGHLY DOCK AND PORT ENGINEERS LTD.	1984
289	HOOGLY COCHIN SHIPYARD LTD.	2017
290	INLAND & COASTAL SHIPPING LTD.	2016
291	KAMARAJAR PORT LTD.	1999
292	SAGARMALA DEVELOPMENT COMPANY LTD.	2016
293	SETHUSAMUDRAM CORPN. LTD.	2004
294	SHIPPING CORPORATION OF INDIA LTD.	1961
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT		
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY		
295	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	1972
296	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	1997
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT		
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT		
297	NATIONAL BACKWARD CLASSES FINANCE & DEVPT.CO.	1992
298	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1997
299	NATIONAL SCHEDULED CASTES FINANCE & DEVPT. CORPN.	1989

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
MINISTRY OF STEEL		
300	CHHATTISGARH MEGA STEEL CO. LTD.	2015
301	EASTERN INVESTMENT LTD.	1927
302	FERRO SCRAP NIGAM LTD.	1979
303	J & K MINERAL DEVELOPMENT CORPN. LTD.	1989
304	JHARKHAND KOLHAN STEEL LTD.	2015
305	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	2012
306	KARNATAKA VIJAY NAGAR STEEL LTD.	2014
307	KIOCL LTD.	1976
308	M S T C LTD.	1964
309	MECON LTD.	1973
310	MOIL LTD.	1962
311	NMDC CSR FOUNDATION	2018
312	NMDC Ltd.	1958
313	NMDC POWER LTD.	2011
314	NMDC STEEL LTD.	2015
315	NMDC-CMDC LTD.	2008
316	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	2010
317	RASHTRIYA ISPAT NIGAM LTD.	1982
318	SAIL REFRACTORY COMPANY LTD.	2011
319	STEEL AUTHORITY OF INDIA LTD.	1973
320	THE BISRA STONE LIME COMPANY LTD.	1910
MINISTRY OF TEXTILES		
321	BIRDS JUTE & EXPORTS LTD.	1904
322	BRITISH INDIA CORPORATION LTD.	1920
323	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1976
324	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1958
325	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1983
326	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	1980
327	NATIONAL TEXTILE CORPN. LTD.	1968
328	THE COTTON CORPN. OF INDIA LTD.	1970
329	THE JUTE CORPN. OF INDIA LTD.	1971
MINISTRY OF TOURISM		
330	INDIA TOURISM DEV. CORPN. LTD.	1966
331	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	2001
332	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1986
333	PUNJAB ASHOK HOTEL COMPANY LTD.	1998
334	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	1983
335	UTKAL ASHOK HOTEL CORPN. LTD.	1983
MINISTRY OF TRIBAL AFFAIRS		
336	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2001

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION		
337	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1957
338	WAPCOS LTD.	1969
DEPT. OF ATOMIC ENERGY		
339	ANUSHAKTI VIDHYUT NIGAM LTD.	2011
340	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	2003
341	ELECTRONICS CORPN. OF INDIA LTD.	1967
342	IREL (INDIA) LTD.	1950
343	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	2012
344	NPCIL - NALCO POWER COMPANY LTD.	2012
345	NUCLEAR POWER CORPN. OF INDIA LTD.	1987
346	URANIUM CORPORATION OF INDIA LTD.	1967
DEPT. OF SPACE		
347	ANTRIX CORPORATION LTD.	1992
348	NEWSPACE INDIA LTD.	2019

CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT SECTORS/COGNATE GROUPS AS ON 31.3.2019

S. No.	Sector / Cognate Group / CPSE
AGRICULTURE	
AGRO BASED INDUSTRIES	
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD
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	IREL (INDIA) 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.

S. No.	Sector / Cognate Group / CPSE
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.
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	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
40	HINDUSTAN FERTILIZER CORPN. LTD.
41	MADRAS FERTILIZERS LTD.
42	NATIONAL FERTILIZERS LTD.
43	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
44	THE FERTILIZER CORPN. OF INDIA 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.

S. No.	Sector / Cognate Group / CPSE
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.
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	
TRANSPORTATION VEHICLE & EQUIPMENT	
98	BEML LTD.

S. No.	Sector / Cognate Group / CPSE
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.
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	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.
119	NHDC LTD.
120	NHPC LTD.
121	NLC INDIA LTD.
122	NLC TAMIL NADU POWER LTD.
123	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
124	NTPC LTD.
125	NUCLEAR POWER CORPN. OF INDIA LTD.
126	PATRATU VIDYUT UTPADAN NIGAM LTD.
127	SJVN LTD.
128	THDC INDIA LTD.
SERVICES	
POWER TRANSMISSION	
129	NTPC ELECTRIC SUPPLY COMPANY LTD.
130	POWER GRID CORPORATION OF INDIA LTD.
131	POWER GRID JABALPUR TRANSMISSION LTD.
132	POWER GRID PARLI TRANSMISSION LTD.

S. No.	Sector / Cognate Group / CPSE
133	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
134	POWER GRID WARORA TRANSMISSION LTD.
135	POWER SYSTEM OPERATION CORPORATION LTD.
136	POWERGRID KALA AMB TRANSMISSION LTD.
137	POWERGRID NM TRANSMISSION LTD.
138	POWERGRID UNCHAHAR TRANSMISSION LTD.
139	POWERGRID VIZAG TRANSMISSION LTD.
140	REC POWER DISTRIBUTION CO. LTD.
141	REC TRANSMISSION PROJECTS CO. LTD.
SERVICES	
TRADING & MARKETING	
142	ANTRIX CORPORATION LTD.
143	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.
144	FOOD CORPN. OF INDIA
145	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.
146	HMT (INTERNATIONAL) LTD.
147	INDIA TRADE PROMOTION ORGANISATION
148	KARNATAKA TRADE PROMOTION ORGANISATION
149	M M T C LTD.
150	M S T C LTD.
151	NATIONAL FILM DEV. CORPN. LTD.
152	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.
153	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.
154	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.
155	NTPC VIDYUT VYAPAR NIGAM LTD.
156	P E C LTD.
157	STATE TRADING CORPN. OF INDIA LTD.
158	STCL LTD.
159	TAMIL NADU TRADE PROMOTION ORGANISATION
160	THE COTTON CORPN. OF INDIA LTD.
161	THE JUTE CORPN. OF INDIA LTD.
SERVICES	
TRANSPORT AND LOGISTIC SERVICES	
162	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.
163	AIR INDIA AIR TRANSPORT SERVICES LTD.
164	AIR INDIA ENGINEERING SERVICES LTD.
165	AIR INDIA EXPRESS LTD.
166	AIR INDIA LTD.
167	AIRLINE ALLIED SERVICES LTD.
168	AIRPORTS AUTHORITY OF INDIA
169	BPCL-KIAL FUEL FARM PVT. LTD.
170	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.
171	CENTRAL RAILSIDE WAREHOUSE CO. LTD.

S. No.	Sector / Cognate Group / CPSE
172	CENTRAL WAREHOUSING CORPN.
173	CHANDIGARH INTERNATIONAL AIRPORT LTD.
174	CONCOR AIR LTD.
175	CONTAINER CORPORATION OF INDIA LTD.
176	FRESH & HEALTHY ENTERPRISES LTD.
177	GAIL (INDIA) LTD.
178	GAIL GAS LTD.
179	KAMARAJAR PORT LTD.
180	PAWAN HANS LTD.
181	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
182	SHIPPING CORPORATION OF INDIA LTD.
183	SIDCUL CONCOR INFRA COMPANY LTD.
184	VISAKHAPATANAM PORT LOGISTICS PARK LTD.
SERVICES	
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES	
185	AGRINNOVATE INDIA LTD.
186	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
187	BRIDGE & ROOF CO.(INDIA) LTD.
188	BROADCAST ENGG. CONSULTANTS INDIA LTD.
189	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
190	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
191	DELHI POLICE HOUSING CORPORATION LTD.
192	EdCIL(India) Ltd.
193	ENGINEERING PROJECTS (INDIA) LTD.
194	ENGINEERS INDIA LTD.
195	HIGH SPEED RAIL CORPORATION OF INDIA LTD.
196	HINDUSTAN PREFAB LTD.
197	HINDUSTAN STEELWORKS COSTN. LTD.
198	HLL INFRA TECH SERVICES LTD.
199	HLL MOTHER & CHILD CARE HOSPITALS LTD.
200	HSCC (INDIA) LTD.
201	IIFCL PROJECTS LTD.
202	IRCON DAVANAGERE HAVERI HIGHWAY LTD.
203	IRCON INFRASTRUCTURE & SERVICES LTD.
204	IRCON INTERNATIONAL LTD.
205	IRCON PB TOLLWAY LTD.
206	IRCON SHIVPURI GUNA TOLLWAY LTD.
207	IRCON VADODARA KIM EXPRESSWAY LTD.
208	KONKAN RAILWAY CORPORATION LTD.
209	MECON LTD.
210	MINERAL EXPLORATION CORPN. LTD.
211	MUMBAI RAILWAY VIKAS CORPORATION LTD.
212	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
213	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.

S. No.	Sector / Cognate Group / CPSE
214	NATIONAL RESEARCH DEVELOPMENT CORPN.
215	NATIONAL SMALL INDUSTRIES CORPN. LTD.
216	NBCC (INDIA) LTD.
217	NBCC ENGINEERING AND CONSULTANCY LTD.
218	NBCC SERVICES LTD.
219	PFC CONSULTING LTD.
220	PROJECTS & DEVELOPMENT INDIA LTD.
221	RAIL VIKAS NIGAM LTD.
222	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
223	rites INFRASTRUCTURE SERVICES LTD.
224	rites LTD.
225	SOLAR ENERGY CORPORATION OF INDIA
226	TCIL BINA TOLL ROAD LTD.
227	TCIL LAKHNADONE TOLL ROAD LTD.
228	WAPCOS LTD.
SERVICES	
HOTEL AND TOURIST SERVICES	
229	HOTEL CORPN. OF INDIA LTD.
230	INDIA TOURISM DEV. CORPN. LTD.
231	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
232	PONDICHERRY ASHOK HOTEL CORPN. LTD.
233	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.
234	UTKAL ASHOK HOTEL CORPN. LTD.
SERVICES	
FINANCIAL SERVICES	
235	BALMER LAWRIE INVESTMENTS LTD.
236	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL
237	E. C. G. C. LTD.
238	EASTERN INVESTMENT LTD.
239	HOUSING & URBAN DEV. CORPN. LTD.
240	IIFCL ASSET MANAGEMENT COMPANY LTD.
241	INDIA INFRASTRUCTURE FINANCE CO. LTD.
242	INDIAN RAILWAY FINANCE CORPORATION LTD.
243	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.
244	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD
245	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.
246	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
247	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.
248	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
249	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
250	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
251	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
252	NMDC CSR FOUNDATION

S. No.	Sector / Cognate Group / CPSE
253	POWER FINANCE CORPORATION LTD.
254	REC LTD.
SERVICES	
TELECOMMUNICATION & INFORMATION TECHNOLOGY	
255	BHARAT BROADBAND NETWORK LTD.
256	BHARAT SANCHAR NIGAM LTD.
257	MAHANAGAR TELEPHONE NIGAM LTD.
258	MILLENNIUM TELECOM LTD.
259	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
260	RAILTEL CORPORATION INDIA LTD.
261	RAILTEL ENTERPRISES LTD.
262	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
UNDER CONSTRUCTION	
ENTERPRISES UNDER CONSTRUCTION	
263	AJMER PHAGI TRANSCO LTD.
264	ANUSHAKTI VIDHYUT NIGAM LTD.
265	BALLABGARH - GN TRANSMISSION CO. LTD.
266	BHARAT GAS RESOURCES LTD,
267	BHARAT PETRO RESOURCES JPDA
268	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.
269	BHIND GUNA TRANSMISSION LTD.
270	BIHAR INFRAPOWER LTD.
271	BIHAR MEGA POWER LTD.
272	BIJAWAR-VIDARBHA TRANSMISSION LTD
273	BUNDELKHAND SAUR URJA LTD.
274	CHANDIL TRANSMISSION LTD.
275	CHEYYUR INFRA LTD.
276	CHHATTISGARH EAST RAILWAYS LTD.
277	CHHATTISGARH EAST-WEST RAILWAYS LTD.
278	CHHATTISGARH MEGA STEEL CO. LTD.
279	CHHATTISGARH SURGUJA POWER LTD.
280	COASTAL KARNATAKA POWER LTD.
281	COASTAL MAHARASHTRA MEGA POWER LTD.
282	COASTAL TAMIL NADU POWER LTD.
283	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.
284	DEOGHAR INFRA LTD.
285	DEOGHAR MEGA POWER LTD.
286	DINGCHANG TRANSMISSION LTD.
287	DUMKA TRANSMISSION LTD.
288	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)
289	GHOHARPALLI INTEGRATED POWER COMPANY LTD.
290	HEMISPHERE PROPERTIES INDIA LTD.
291	HLL MEDIPARK LTD

S. No.	Sector / Cognate Group / CPSE
292	HOOGLY COCHIN SHIPYARD LTD.
293	HPCL RAJASTHAN REFINERY LTD.
294	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.
295	INDO CAT PRIVATE LTD.
296	INDO RUSSIAN HELICOPTERS LTD.
297	INLAND & COASTAL SHIPPING LTD.
298	JAGDISHPUR PAPER MILLS LTD.
299	JAM KHAMBALIYA TRANSCO LTD.
300	JHARKHAND CENTRAL RAILWAY LTD.
301	JHARKHAND INFRAPOWER LTD.
302	JHARKHAND KOLHAN STEEL LTD.
303	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.
304	KARNATAKA VIJAY NAGAR STEEL LTD.
305	KHETRI TRANSCO LTD.
306	KODERMA TRANSMISSION LTD.
307	KOLKATA METRO RAIL CORPORATION LTD.
308	LAKADIA BANASKANTHA TRANSCO LTD.
309	MAHANADI BASIN POWER LTD.
310	MAHANADI COAL RAILWAY LTD.
311	MAMC INDUSTRIES LTD.
312	MANDAR TRANSMISSION LTD.
313	MJSJ COAL LTD.
314	MNH SHAKTI LTD.
315	MOHINDER GARH-BHIWANI TRANSMISSION LTD.
316	NABINAGAR POWER GENERATING COMPANY LTD.
317	NBCC ENVIRONMENT ENGINEERING LTD.
318	NBCC INTERNATIONAL LTD.
319	NEWSPACE INDIA LTD.
320	NEYVELI UTTAR PRADESH POWER LTD
321	NMDC POWER LTD.
322	NMDC STEEL LTD.
323	NMDC-CMDC LTD.
324	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.
325	NPCIL - NALCO POWER COMPANY LTD.
326	ODISHA INFRAPOWER LTD.
327	OIL INDIA INTERNATIONAL LTD.
328	ORISSA INTEGRATED POWER LTD.
329	POWER GRID MITHILANCHAL TRANSMISSION LTD.
330	POWER EQUITY CAPITAL ADVISORS PVT. LTD.
331	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.
332	POWER GRID VARANASI TRANSMISSION LTD.
333	POWER GRID VEMAGIRI TRANSMISSION LTD.
334	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.
335	PUNJAB ASHOK HOTEL COMPANY LTD.
336	SAGARMALA DEVELOPMENT COMPANY LTD.

S. No. Sector / Cognate Group / CPSE

337	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.
338	SETHUSAMUDRAM CORPN. LTD.
339	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD
340	SJVN THERMAL PVT. LTD.
341	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.
342	TANDA TRANSMISSION COMPANY LTD.
343	TATIYA ANDHRA MEGA POWER LTD.
344	UDUPI KASARGODE TRANSMISSION LTD.
345	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.
346	WRSS XXI(A) TRANSCO LIMITED
347	YULE ELECTRICAL LTD.
348	YULE ENGINEERING COMPANY LTD.

CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT STATE/UNION TERRITORIES AS ON 31.3.2019

S. No.	State / CPSE
	ANDAMAN & NICOBAR ISLANDS
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD
	ANDHRA PRADESH
2	RASHTRIYA ISPAT NIGAM LTD.
3	VISAKHAPATANAM PORT LOGISTICS PARK LTD.
	ASSAM
4	BRAHMAPUTRA CRACKERS & POLYMER LTD.
5	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.
6	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.
7	NUMALIGARH REFINERY LTD.
8	OIL INDIA INTERNATIONAL LTD.
9	OIL INDIA LTD.
	BIHAR
10	BHARAT WAGON & ENGG. CO. LTD.
11	HPCL BIOFUELS LTD.
	CHANDIGARH
12	PUNJAB ASHOK HOTEL COMPANY LTD.
13	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
	CHHATTISGARH
14	CHHATTISGARH EAST RAILWAYS LTD.
15	CHHATTISGARH EAST-WEST RAILWAYS LTD.
16	CHHATTISGARH MEGA STEEL CO. LTD.
17	FERRO SCRAP NIGAM LTD.
18	JHARKHAND KOLHAN STEEL LTD.
19	NMDC STEEL LTD.
20	NMDC-CMDC LTD.
21	SOUTH EASTERN COALFIELDS LTD.
	DELHI
22	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.
23	AGRINNOVATE INDIA LTD.
24	AIR INDIA AIR TRANSPORT SERVICES LTD.
25	AIR INDIA ENGINEERING SERVICES LTD.
26	AIR INDIA LTD.
27	AIRLINE ALLIED SERVICES LTD.
28	AIRPORTS AUTHORITY OF INDIA
29	AJMER PHAGI TRANSCO LTD.

S. No.	State / CPSE
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	BHIND GUNA TRANSMISSION LTD.
36	BIHAR INFRAPOWER LTD.
37	BIHAR MEGA POWER LTD.
38	BIJAWAR-VIDARBHA TRANSMISSION LTD
39	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL
40	CEMENT CORPN. OF INDIA LTD.
41	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.
42	CENTRAL ELECTRONICS LTD.
43	CENTRAL RAILSIDE WAREHOUSE CO. LTD.
44	CENTRAL WAREHOUSING CORPN.
45	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
46	CHANDIL TRANSMISSION LTD.
47	CHEYUR INFRA LTD.
48	CHHATTISHGARH SURGUJA POWER LTD.
49	COASTAL KARNATAKA POWER LTD.
50	COASTAL MAHARASHTRA MEGA POWER LTD.
51	COASTAL TAMIL NADU POWER LTD.
52	CONCOR AIR LTD.
53	CONTAINER CORPORATION OF INDIA LTD.
54	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.
55	DELHI POLICE HOUSING CORPORATION LTD.
56	DEOGHAR INFRA LTD.
57	DEOGHAR MEGA POWER LTD.
58	DINGCHANG TRANSMISSION LTD.
59	DUMKA TRANSMISSION LTD.
60	EdCIL(India) Ltd.
61	ENGINEERS INDIA LTD.
62	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)
63	FOOD CORPN. OF INDIA
64	FRESH & HEALTHY ENTERPRISES LTD.
65	GAIL (INDIA) LTD.
66	GAIL GAS LTD.
67	GHOGARPALLI INTEGRATED POWER COMPANY LTD.
68	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.
69	HEMISPHERE PROPERTIES INDIA LTD.
70	HIGH SPEED RAIL CORPORATION OF INDIA LTD.
71	HIL (INDIA) LTD.
72	HINDUSTAN FERTILIZER CORPN. LTD.
73	HINDUSTAN PAPER CORPORATION LTD.
74	HINDUSTAN PREFAB LTD.

S. No.	State / CPSE
75	HINDUSTAN SHIPYARD LTD.
76	HOUSING & URBAN DEV. CORPN. LTD.
77	HSCC (INDIA) LTD.
78	IIFCL ASSET MANAGEMENT COMPANY LTD.
79	IIFCL PROJECTS LTD.
80	INDIA INFRASTRUCTURE FINANCE CO. LTD.
81	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE 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	IRCON VADODARA KIM EXPRESSWAY LTD.
94	JAM KHAMBALIYA TRANSCO LTD.
95	JHARKHAND INFRAPOWER LTD.
96	KANTI BIJLEE UTPADAN NIGAM LTD.
97	KHETRI TRANSCO LTD.
98	KODERMA TRANSMISSION LTD.
99	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.
100	LAKADIA BANASKANTHA TRANSCO LTD.
101	M M T C LTD.
102	MAHANAGAR TELEPHONE NIGAM LTD.
103	MANDAR TRANSMISSION LTD.
104	MOHINDER GARH-BHIWANI TRANSMISSION LTD.
105	NABINAGAR POWER GENERATING COMPANY LTD.
106	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
107	NATIONAL FERTILIZERS LTD.
108	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.
109	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
110	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
111	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
112	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.
113	NATIONAL RESEARCH DEVELOPMENT CORPN.
114	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
115	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
116	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
117	NATIONAL SEEDS CORPN. LTD.
118	NATIONAL SMALL INDUSTRIES CORPN. LTD.
119	NATIONAL TEXTILE CORPN. LTD.

S. No.	State / CPSE
120	NBCC (INDIA) LTD.
121	NBCC ENGINEERING AND CONSULTANCY LTD.
122	NBCC ENVIRONMENT ENGINEERING LTD.
123	NBCC INTERNATIONAL LTD.
124	NBCC SERVICES LTD.
125	NTPC ELECTRIC SUPPLY COMPANY LTD.
126	NTPC LTD.
127	NTPC VIDYUT VYAPAR NIGAM LTD.
128	NUCLEAR POWER CORPN. OF INDIA LTD.
129	ODISHA INFRAPOWER LTD.
130	OIL & NATURAL GAS CORPORATION LTD.
131	ONGC VIDESH LTD.
132	ORISSA INTEGRATED POWER LTD.
133	P E C LTD.
134	PATRATU VIDYUT UTPADAN NIGAM LTD.
135	PAWAN HANS LTD.
136	PFC CONSULTING LTD.
137	POWER GRID MITHILANCHAL TRANSMISSION LTD.
138	POWER EQUITY CAPITAL ADVISORS PVT. LTD.
139	POWER FINANCE CORPORATION LTD.
140	POWER GRID CORPORATION OF INDIA LTD.
141	POWER GRID JABALPUR TRANSMISSION LTD.
142	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.
143	POWER GRID PARLI TRANSMISSION LTD.
144	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
145	POWER GRID VARANASI TRANSMISSION LTD.
146	POWER GRID WARORA TRANSMISSION LTD.
147	POWER SYSTEM OPERATION CORPORATION LTD.
148	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.
149	POWERGRID KALA AMB TRANSMISSION LTD.
150	POWERGRID NM TRANSMISSION LTD.
151	POWERGRID UNCHAHAR TRANSMISSION LTD.
152	POWERGRID VIZAG TRANSMISSION LTD.
153	PRIZE PETROLEUM COMPANY LTD.
154	RAIL VIKAS NIGAM LTD.
155	RAILTEL CORPORATION INDIA LTD.
156	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
157	REC LTD.
158	REC POWER DISTRIBUTION CO. LTD.
159	REC TRANSMISSION PROJECTS CO. LTD.
160	RITES INFRASTRUCTURE SERVICES LTD.
161	RITES LTD.
162	SAGARMALA DEVELOPMENT COMPANY LTD.
163	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.
164	SECURITY PRINTING & MINTING CORPN. INDIA LTD.

S. No.	State / CPSE
165	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD
166	SIDCUL CONCOR INFRA COMPANY LTD.
167	SOLAR ENERGY CORPORATION OF INDIA
168	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.
169	STATE TRADING CORPN. OF INDIA LTD.
170	STEEL AUTHORITY OF INDIA LTD.
171	TANDA TRANSMISSION COMPANY LTD.
172	TATIYA ANDHRA MEGA POWER LTD.
173	TCIL BINA TOLL ROAD LTD.
174	TCIL LAKHNADONE TOLL ROAD LTD.
175	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
176	THE FERTILIZER CORPN. OF INDIA LTD.
177	UDUPI KASARGODE TRANSMISSION LTD.
178	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.
179	WAPCOS LTD.
180	WRSS XXI(A) TRANSCO LIMITED
	GOA
181	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
182	GOA SHIPYARD LTD.
	GUJRAT
183	INDO CAT PRIVATE LTD.
	HARYANA
184	INDIAN DRUGS & PHARMACEUTICALS LTD.
185	NHPC LTD.
186	POWER GRID VEMAGIRI TRANSMISSION LTD.
187	RAILTEL ENTERPRISES LTD.
	HIMACHAL PRADESH
188	SJVN LTD.
189	SJVN THERMAL PVT. LTD.
	JAMMU & KASHMIR
190	HMT CHINAR WATCHES LTD.
191	J & K MINERAL DEVELOPMENT CORPN. LTD.
192	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD
	JHARKHAND
193	BHARAT COKING COAL LTD.
194	CENTRAL COALFIELDS LTD.
195	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
196	ENGINEERING PROJECTS (INDIA) LTD.
197	HEAVY ENGINEERING CORPN. LTD.

S. No.	State / CPSE
198	JHARKHAND CENTRAL RAILWAY LTD.
199	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.
200	MECON LTD.
201	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.
202	URANIUM CORPORATION OF INDIA LTD.
	KARNATAKA
203	ANTRIX CORPORATION LTD.
204	BEL-THALES SYSTEMS LTD.
205	BEML LTD.
206	BHARAT ELECTRONICS LTD.
207	HINDUSTAN AERONAUTICS LTD.
208	HMT (INTERNATIONAL) LTD.
209	HMT LTD.
210	HMT MACHINE TOOLS LTD.
211	HMT WATCHES LTD.
212	I T I LTD.
213	INDO RUSSIAN HELICOPTERS LTD.
214	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.
215	KARNATAKA TRADE PROMOTION ORGANISATION
216	KARNATAKA VIJAY NAGAR STEEL LTD.
217	KIOCL LTD.
218	MANGALORE REFINERY & PETROCHEMICALS LTD.
219	NAINI AEROSPACE LTD.
220	NEWSPACE INDIA LTD.
221	ONGC MANGALORE PETROCHEMICALS LTD.
222	STCL LTD.
223	TUNGABHADRA STEEL PRODUCTS LTD.
224	VIGNYAN INDUSTRIES LTD.
	KERALA
225	BHEL ELECTRICAL MACHINES LTD.
226	BPCL-KIAL FUEL FARM PVT. LTD.
227	COCHIN SHIPYARD LTD.
228	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
229	HINDUSTAN NEWSPRINT LTD.
230	HLL BIOTECH LTD.
231	HLL INFRA TECH SERVICES LTD.
232	HLL LIFECARE LTD.
233	HLL MEDIPARK LTD
	MADHYA PRADESH
234	NEPA LTD.
235	NHDC LTD.
236	NORTHERN COALFIELDS LTD.

S. No.	State / CPSE
	MAHARAHASHTRA
237	AIR INDIA EXPRESS LTD.
238	ANUSHAKTI VIDHYUT NIGAM LTD.
239	BEL OPTRONICS DEVICES LTD.
240	BHARAT GAS RESOURCES LTD.
241	BHARAT PETRO RESOURCES JPDA
242	BHARAT PETRO RESOURCES LTD.
243	BHARAT PETROLEUM CORPN. LTD.
244	E. C. G. C. LTD.
245	HINDUSTAN ANTIBIOTICS LTD.
246	HINDUSTAN ORGANIC CHEMICALS LTD.
247	HINDUSTAN PETROLEUM CORPN. LTD.
248	HOTEL CORPN. OF INDIA LTD.
249	INDIAN OIL CORPORATION LTD.
250	IREL (INDIA) LTD.
251	KONKAN RAILWAY CORPORATION LTD.
252	MAZAGON DOCK SHIPBUILDERS LTD.
253	MILLENNIUM TELECOM LTD.
254	MINERAL EXPLORATION CORPN. LTD.
255	MOIL LTD.
256	MUMBAI RAILWAY VIKAS CORPORATION LTD.
257	NATIONAL FILM DEV. CORPN. LTD.
258	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.
259	NPCIL - NALCO POWER COMPANY LTD.
260	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
261	RICHARDSON & CRUDDAS(1972) LTD.
262	SHIPPING CORPORATION OF INDIA LTD.
263	THE COTTON CORPN. OF INDIA LTD.
264	WESTERN COALFIELDS LTD.
	MANIPUR
265	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.
	MEGHALAYA
266	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.
267	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
	NAGALAND
268	NAGALAND PULP & PAPER COMPANY LTD.
	ORISSA
269	MAHANADI BASIN POWER LTD.
270	MAHANADI COAL RAILWAY LTD.
271	MAHANADI COALFIELDLS LTD.
272	MJSJ COAL LTD.

S. No.	State / CPSE
273	MNH SHAKTI LTD.
274	NATIONAL ALUMINIUM COMPANY LTD.
275	ORISSA DRUGS & CHEMICALS LTD.
276	UTKAL ASHOK HOTEL CORPN. LTD.
	PONDICHERY
277	PONDICHERY ASHOK HOTEL CORPN. LTD.
	PUNJAB
278	CHANDIGARH INTERNATIONAL AIRPORT LTD.
	RAJASTHAN
279	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.
280	HINDUSTAN SALTS LTD.
281	HPCL RAJASTHAN REFINERY LTD.
282	INSTRUMENTATION LTD.
283	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.
284	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
285	SAMBHAR SALTS LTD.
	TAMILNADU
286	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.
287	CHENNAI PETROLEUM CORPORATION LTD.
288	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.
289	IDPL (TAMILNADU) LTD.
290	KAMARAJAR PORT LTD.
291	MADRAS FERTILIZERS LTD.
292	NLC INDIA LTD.
293	NLC TAMIL NADU POWER LTD.
294	SAIL REFRACTORY COMPANY LTD.
295	SETHUSAMUDRAM CORPN. LTD.
296	TAMIL NADU TRADE PROMOTION ORGANISATION
	TELANGANA
297	BHARAT DYNAMICS LTD.
298	ELECTRONICS CORPN. OF INDIA LTD.
299	HINDUSTAN FLUOROCARBONS LIMITED
300	HMT BEARINGS LTD.
301	MISHRA DHATU NIGAM LTD.
302	NMDC CSR FOUNDATION
303	NMDC Ltd.
304	NMDC POWER LTD.

S. No.	State / CPSE
	UTTAR PRADESH
305	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA
306	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
307	BHARAT PUMPS & COMPRESSORS LTD.
308	BRITISH INDIA CORPORATION LTD.
309	BROADCAST ENGG. CONSULTANTS INDIA LTD.
310	BUNDELKHAND SAUR URJA LTD.
311	HLL MOTHER & CHILD CARE HOSPITALS LTD.
312	JAGDISHPUR PAPER MILLS LTD.
313	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.
314	NEYVELI UTTAR PRADESH POWER LTD
315	PROJECTS & DEVELOPMENT INDIA LTD.
316	SCOOTERS INDIA LTD.
	UTTARANCHAL
317	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.
318	THDC INDIA LTD.
	WEST BENGAL
319	ANDREW YULE & COMPANY LTD.
320	BALMER LAWRIE & CO. LTD.
321	BALMER LAWRIE INVESTMENTS LTD.
322	BENGAL CHEMICALS & PHARMACEUTICALS LTD.
323	BIRDS JUTE & EXPORTS LTD.
324	BRAITHWAITE & CO. LTD.
325	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
326	BRIDGE & ROOF CO.(INDIA) LTD.
327	BURN STANDARD COMPANY LTD.
328	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.
329	COAL INDIA LTD.
330	EASTERN COALFIELDS LTD.
331	EASTERN INVESTMENT LTD.
332	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.
333	HINDUSTAN CABLES LTD.
334	HINDUSTAN COPPER LTD.
335	HINDUSTAN STEELWORKS COSTN. LTD.
336	HOOGLY DOCK AND PORT ENGINEERS LTD.
337	HOOGLY PRINTING COMPANY LTD.
338	HOOGLY COCHIN SHIPYARD LTD.
339	INLAND & COASTAL SHIPPING LTD.
340	KOLKATA METRO RAIL CORPORATION LTD.
341	M S T C LTD.
342	MAMC INDUSTRIES LTD.
343	NATIONAL JUTE MANUFACTURES CORPORATION LTD.

INDAS APPLICABLE CPSEs AS ON 31.3.2019

S. No.	Name of CPSEs
1	AIR INDIA AIR TRANSPORT SERVICES LTD.
2	AIR INDIA ENGINEERING SERVICES LTD.
3	AIR INDIA EXPRESS LTD.
4	AIR INDIA LTD.
5	AIRLINE ALLIED SERVICES LTD.
6	ANDREW YULE & COMPANY LTD.
7	ANTRIX CORPORATION LTD.
8	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA
9	BALMER LAWRIE & CO. LTD.
10	BEL OPTRONICS DEVICES LTD.
11	BEL-THALES SYSTEMS LTD.
12	BEML LTD.
13	BENGAL CHEMICALS & PHARMACEUTICALS LTD.
14	BHARAT COKING COAL LTD.
15	BHARAT DYNAMICS LTD.
16	BHARAT ELECTRONICS LTD.
17	BHARAT HEAVY ELECTRICALS LTD.
18	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
19	BHARAT PETRO RESOURCES LTD.
20	BHARAT PETROLEUM CORPN. LTD.
21	BHARAT SANCHAR NIGAM LTD.
22	BHARTIYA RAIL BIJLEE CO. LTD.
23	BHEL ELECTRICAL MACHINES LTD.
24	BPCL-KIAL FUEL FARM PVT. LTD.
25	BRAHAMPUTRA CRACKERS & POLYMER LTD.
26	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
27	BRIDGE & ROOF CO.(INDIA) LTD.
28	CENTRAL COALFIELDS LTD.
29	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
30	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
31	CHANDIGARH INTERNATIONAL AIRPORT LTD.
32	CHENNAI PETROLEUM CORPORATION LTD.
33	COAL INDIA LTD.
34	COCHIN SHIPYARD LTD.
35	CONCOR AIR LTD.
36	CONTAINER CORPORATION OF INDIA LTD.
37	EASTERN COALFIELDS LTD.
38	ELECTRONICS CORPN. OF INDIA LTD.
39	ENGINEERS INDIA LTD.

S. No.	State / CPSE
40	FERRO SCRAP NIGAM LTD.
41	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
42	FRESH & HEALTHY ENTERPRISES LTD.
43	GAIL (INDIA) LTD.
44	GAIL GAS LTD.
45	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.
46	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
47	GOA SHIPYARD LTD.
48	HIGH SPEED RAIL CORPORATION OF INDIA LTD.
49	HINDUSTAN AERONAUTICS LTD.
50	HINDUSTAN COPPER LTD.
51	HINDUSTAN FLUOROCARBONS LIMITED
52	HINDUSTAN NEWSPRINT LTD.
53	HINDUSTAN ORGANIC CHEMICALS LTD.
54	HINDUSTAN PETROLEUM CORPN. LTD.
55	HINDUSTAN STEELWORKS COSTN. LTD.
56	HLL BIOTECH LTD.
57	HLL INFRA TECH SERVICES LTD.
58	HLL LIFECARE LTD.
59	HLL MOTHER & CHILD CARE HOSPITALS LTD.
60	HMT (INTERNATIONAL) LTD.
61	HMT BEARINGS LTD.
62	HMT LTD.
63	HMT MACHINE TOOLS LTD.
64	HMT WATCHES LTD.
65	HOOGHLY PRINTING COMPANY LTD.
66	HOTEL CORPN. OF INDIA LTD.
67	HOUSING & URBAN DEV. CORPN. LTD.
68	HPCL BIOFUELS LTD.
69	HSCC (INDIA) LTD.
70	I T I LTD.
71	IDPL (TAMILNADU) LTD.
72	IIFCL ASSET MANAGEMENT COMPANY LTD.
73	IIFCL PROJECTS LTD.
74	INDIA INFRASTRUCTURE FINANCE CO. LTD.
75	INDIA TOURISM DEV. CORPN. LTD.
76	INDIA TRADE PROMOTION ORGANISATION
77	INDIAN OIL CORPORATION LTD.
78	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
79	INDIAN RAILWAY FINANCE CORPORATION LTD.
80	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.

S. No.	State / CPSE
81	IRCON DAVANAGERE HAVERI HIGHWAY LTD.
82	IRCON INFRASTRUCTURE & SERVICES LTD.
83	IRCON INTERNATIONAL LTD.
84	IRCON PB TOLLWAY LTD.
85	IRCON SHIVPURI GUNA TOLLWAY LTD.
86	IRCON VADODARA KIM EXPRESSWAY LTD.
87	IREL (INDIA) LTD.
88	J & K MINERAL DEVELOPMENT CORPN. LTD.
89	KAMARAJAR PORT LTD.
90	KANTI BIJLEE UTPADAN NIGAM LTD.
91	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.
92	KARNATAKA TRADE PROMOTION ORGANISATION
93	KIOCL LTD.
94	KONKAN RAILWAY CORPORATION LTD.
95	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.
96	M M T C LTD.
97	M S T C LTD.
98	MADRAS FERTILIZERS LTD.
99	MAHANADI COALFIELDLS LTD.
100	MAHANAGAR TELEPHONE NIGAM LTD.
101	MANGALORE REFINERY & PETROCHEMICALS LTD.
102	MAZAGON DOCK SHIPBUILDERS LTD.
103	MECON LTD.
104	MILLENNIUM TELECOM LTD.
105	MINERAL EXPLORATION CORPN. LTD.
106	MISHRA DHATU NIGAM LTD.
107	MOIL LTD.
108	NAINI AEROSPACE LTD.
109	NATIONAL ALUMINIUM COMPANY LTD.
110	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
111	NATIONAL FERTILIZERS LTD.
112	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.
113	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
114	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
115	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
116	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
117	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
118	NATIONAL SEEDS CORPN. LTD.
119	NATIONAL SMALL INDUSTRIES CORPN. LTD.
120	NATIONAL TEXTILE CORPN. LTD.
121	NBCC (INDIA) LTD.

S. No.	State / CPSE
122	NBCC ENGINEERING AND CONSULTANCY LTD.
123	NBCC SERVICES LTD.
124	NHDC LTD.
125	NHPC LTD.
126	NLC INDIA LTD.
127	NLC TAMIL NADU POWER LTD.
128	NMDC CSR FOUNDATION
129	NMDC Ltd.
130	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
131	NORTHERN COALFIELDS LTD.
132	NTPC ELECTRIC SUPPLY COMPANY LTD.
133	NTPC LTD.
134	NTPC VIDYUT VYAPAR NIGAM LTD.
135	NUCLEAR POWER CORPN. OF INDIA LTD.
136	NUMALIGARH REFINERY LTD.
137	OIL & NATURAL GAS CORPORATION LTD.
138	OIL INDIA LTD.
139	ONGC MANGALORE PETROCHEMICALS LTD.
140	ONGC VIDESH LTD.
141	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
142	P E C LTD.
143	PATRATU VIDYUT UTPADAN NIGAM LTD.
144	PAWAN HANS LTD.
145	PFC CONSULTING LTD.
146	PONDICHERRY ASHOK HOTEL CORPN. LTD.
147	POWER FINANCE CORPORATION LTD.
148	POWER GRID CORPORATION OF INDIA LTD.
149	POWER GRID JABALPUR TRANSMISSION LTD.
150	POWER GRID PARLI TRANSMISSION LTD.
151	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
152	POWER GRID WARORA TRANSMISSION LTD.
153	POWER SYSTEM OPERATION CORPORATION LTD.
154	POWERGRID KALA AMB TRANSMISSION LTD.
155	POWERGRID NM TRANSMISSION LTD.
156	POWERGRID UNCHAHAR TRANSMISSION LTD.
157	POWERGRID VIZAG TRANSMISSION LTD.
158	PRIZE PETROLEUM COMPANY LTD.
159	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
160	RAIL VIKAS NIGAM LTD.
161	RAILTEL CORPORATION INDIA LTD.
162	RAILTEL ENTERPRISES LTD.

S. No.	State / CPSE
163	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
164	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
165	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.
166	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
167	RASHTRIYA ISPAT NIGAM LTD.
168	REC LTD.
169	REC POWER DISTRIBUTION CO. LTD.
170	REC TRANSMISSION PROJECTS CO. LTD.
171	rites LTD.
172	SAIL REFRACTORY COMPANY LTD.
173	SCOOTERS INDIA LTD.
174	SECURITY PRINTING & MINTING CORPN. INDIA LTD.
175	SHIPPING CORPORATION OF INDIA LTD.
176	SIDCUL CONCOR INFRA COMPANY LTD.
177	SJVN LTD.
178	SOLAR ENERGY CORPORATION OF INDIA
179	SOUTH EASTERN COALFIELDS LTD.
180	STATE TRADING CORPN. OF INDIA LTD.
181	STCL LTD.
182	STEEL AUTHORITY OF INDIA LTD.
183	TAMIL NADU TRADE PROMOTION ORGANISATION
184	TCIL BINA TOLL ROAD LTD.
185	TCIL LAKHNADONE TOLL ROAD LTD.
186	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
187	THDC INDIA LTD.
188	THE BISRA STONE LIME COMPANY LTD.
189	THE COTTON CORPN. OF INDIA LTD.
190	THE FERTILIZER CORPN. OF INDIA LTD.
191	URANIUM CORPORATION OF INDIA LTD.
192	UTKAL ASHOK HOTEL CORPN. LTD.
193	VIGNYAN INDUSTRIES LTD.
194	VISAKHAPATANAM PORT LOGISTICS PARK LTD.
195	WAPCOS LTD.
196	WESTERN COALFIELDS LTD.

CENTRAL PUBLIC SECTOR ENTERPRISES WHOSE DATA HAS BEEN TREATED AS PROVISIONAL IN 2018-19

S. No.	Name of CPSE	Ministry Name	Remarks
A	CENTRAL PUBLIC SECTOR ENTERPRISES WHICH HAVE NOT FURNISHED AUDITED DATA FOR 2018-19		
1	ANTRIX CORPORATION LTD.	DEPTT. OF SPACE	
2	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	MINISTRY OF CHEMICALS & FERTILIZERS	
3	EDCIL(INDIA) LTD	MINISTRY OF HUMAN RESOURCE DEVELOPMENT	
4	FOOD CORPN. OF INDIA	MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION	
5	HINDUSTAN NEWSPRINT LTD	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	
6	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	MINISTRY OF AYUSH	
7	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT	
8	NORTH EASTERN REGIONAL AGRICULTURAL MARKETING CORPLTD.	MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION	
9	P E C LTD.	MINISTRY OF COMMERCE & INDUSTRY	
B:	CENTRAL PUBLIC SECTOR ENTERPRISES WHICH HAVE NOT FURNISHED DATA FOR 2018-19		
10	BRITISH INDIA CORPORATION LTD.	MINISTRY OF TEXTILES	
11	IDPL (TAMILNADU) LTD.	MINISTRY OF CHEMICALS & FERTILIZERS	
12	INSTRUMENTATION LIMITED	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	
13	NAGALAND PULP & PAPER COMPANY LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	Under Revival
14	RICHARDSON & CRUDDAS(1972) LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	Under Revival

LIST OF UNDER CONSTRUCTION CPSEs AS ON 31.3.2019

Rs. in Lakhs

S. No.	CPSEs	Status	Date of Incorporation	Authroised Capital	Paid-up Capital
1	AJMER PHAGI TRANSCO LTD.	subsdiary	3/19/2019	5	5
2	ANUSHAKTI VIDHYUT NIGAM LTD.	subsdiary	1/27/2011	500	10
3	BALLABGARH - GN TRANSMISSION CO. LTD.	subsdiary	9/9/2013	5	5
4	BHARAT GAS RESOURCES LTD,	subsdiary	6/7/2018	16000	16000
5	BHARAT PETRO RESOURCES JPDA	subsdiary	10/28/2006	6000	6000
6	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	Holding	10/22/2003	500000	461820
7	BHIND GUNA TRANSMISSION LTD.	subsdiary	9/18/2018	5	5
8	BIHAR INFRAPOWER LTD.	subsdiary	6/30/2015	5	5
9	BIHAR MEGA POWER LTD.	subsdiary	7/9/2015	5	5
10	BIJAWAR-VIDARBHA TRANSMISSION LTD	subsdiary	1/13/2017	1	1
11	BUNDELKHAND SAUR URJA LTD.	subsdiary	2/2/2015	6000	400
12	CHANDIL TRANSMISSION LTD.	subsdiary	3/14/2018	5	5
13	CHEYUR INFRA LTD.	subsdiary	1/21/2014	5	5
14	CHHATTISGARH EAST RAILWAYS LTD.	subsdiary	3/12/2013	100000	44100
15	CHHATTISGARH EAST-WEST RAILWAYS LTD.	subsdiary	3/25/2013	111000	50406
16	CHHATTISGARH MEGA STEEL CO. LTD.	subsdiary	1/20/2015	5	5
17	CHHATTISGARH SURGUJA POWER LTD.	subsdiary	2/10/2006	5	5
18	COASTAL KARNATAKA POWER LTD.	subsdiary	2/10/2006	5	5
19	COASTAL MAHARASHTRA MEGA POWER LTD.	subsdiary	3/1/2006	5	5
20	COASTAL TAMIL NADU POWER LTD.	subsdiary	1/9/2007	5	5
21	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	Holding	10/30/2006	2200000	1076873
22	DEOGHAR INFRA LTD.	subsdiary	6/30/2015	5	5
23	DEOGHAR MEGA POWER LTD.	subsdiary	4/26/2012	5	5
24	DINGCHANG TRANSMISSION LTD.	subsdiary	12/2/2015	5	5
25	DUMKA TRANSMISSION LTD.	subsdiary	3/23/2018	5	5
26	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	subsdiary	5/19/2016	100	10
27	GHOARPALLI INTEGRATED POWER COMPANY LTD.	subsdiary	5/22/2008	5	5
28	HEMISPHERE PROPERTIES INDIA LTD.	Holding		0	0
29	HLL MEDIPARK LTD	subsdiary	12/20/2016	1300	210
30	HOOGLY COCHIN SHIPYARD LTD.	subsdiary	10/23/2017	2200	2200
31	HPCL RAJASTHAN REFINERY LTD.	subsdiary	9/18/2013	400000	120325
32	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	Holding	12/19/2017	210000	119499
33	INDO CAT PRIVATE LTD.	subsdiary	6/1/2006	10000	1593
34	INDO RUSSIAN HELICOPTERS LTD.	subsdiary	5/2/2017	1000	1000
35	INLAND & COASTAL SHIPPING LTD.	subsdiary	9/29/2016	1000	5
36	JAGDISHPUR PAPER MILLS LTD.	subsdiary	5/8/2008	500	5
37	JAM KHAMBALIYA TRANSCO LTD.	subsdiary	3/11/2019	5	5
38	JHARKHAND CENTRAL RAILWAY LTD.	subsdiary	8/31/2015	50000	5000
39	JHARKHAND INFRAPOWER LTD.	subsdiary	12/10/2015	5	5
40	JHARKHAND KOLHAN STEEL LTD.	subsdiary	9/24/2015	10	6
41	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	subsdiary	8/6/2012	100	1
42	KARNATAKA VIJAY NAGAR STEEL LTD.	subsdiary	12/29/2014	10	10
43	KHETRI TRANSCO LTD.	subsdiary	3/12/2019	5	5
44	KODERMA TRANSMISSION LTD.	subsdiary	3/19/2018	5	5

S. No.	CPSEs	Status	Date of Incorporation	Authroised Capital	Paid-up Capital
45	KOLKATA METRO RAIL CORPORATION LTD.	Holding	7/9/2008	140000	140000
46	LAKADIA BANASKANTHA TRANSCO LTD.	subsdiary	3/19/2019	5	5
47	MAHANADI BASIN POWER LTD.	subsdiary	12/2/2011	5	5
48	MAHANADI COAL RAILWAY LTD.	subsdiary	8/31/2015	5	5
49	MAMC INDUSTRIES LTD.	subsdiary		0	0
50	MANDAR TRANSMISSION LTD.	subsdiary	3/26/2018	5	5
51	MJSJ COAL LTD.	subsdiary	8/13/2008	20000	9510
52	MNH SHAKTI LTD.	subsdiary	7/16/2008	10000	8510
53	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	subsdiary	12/23/2014	5	5
54	NABINAGAR POWER GENERATING COMPANY LTD.	subsdiary	9/9/2008	460000	398716
55	NBCC ENVIRONMENT ENGINEERING LTD.	subsdiary	10.07.2017	200	100
56	NBCC INTERNATIONAL LTD.	subsdiary	05.07.2017	200	100
57	NEWSPACE INDIA LTD.	Holding	3/6/2016	10000	1000
58	NEYVELI UTTAR PRADESH POWER LTD	subsdiary	11/9/2012	500000	169304
59	NMDC POWER LTD.	subsdiary	12/12/2012	100	55
60	NMDC STEEL LTD.	subsdiary	1/2/2015	30	6
61	NMDC-CMDC LTD.	subsdiary	6/19/2008	20000	19284
62	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	subsdiary	4/6/2011	1000	100
63	NPCIL - NALCO POWER COMPANY LTD.	subsdiary	3/2/2012	100	10
64	ODISHA INFRAPOWER LTD.	subsdiary	1/23/2014	5	5
65	OIL INDIA INTERNATIONAL LTD.	subsdiary	9/20/2013	50000	10000
66	ORISSA INTEGRATED POWER LTD.	subsdiary	8/24/2006	5	5
67	POWER GRID MITHILANCHAL TRANSMISSION LTD.	subsdiary	1/11/2017	5	5
68	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	subsdiary		0	0
69	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	subsdiary	1/22/2016	100	1
70	POWER GRID VARANASI TRANSMISSION LTD.	subsdiary	1/12/2017	5	5
71	POWER GRID VEMAGIRI TRANSMISSION LTD.	subsdiary	4/21/2011	5	5
72	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	subsdiary	8/20/2018	5	5
73	PUNJAB ASHOK HOTEL COMPANY LTD.	subsdiary	11/11/1998	300	249
74	SAGARMALA DEVELOPMENT COMPANY LTD.	Holding	8/31/2016	100000	34000
75	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	subsdiary	5/21/2008	5	5
76	SETHUSAMUDRAM CORPN. LTD.	Holding	12/6/2004	100000	74500
77	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	subsdiary	1/13/2017	1	1
78	SJVN THERMAL PVT. LTD.	subsdiary	5/7/2007	300000	43668
79	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	subsdiary	2/18/2015	5	5
80	TANDA TRANSMISSION COMPANY LTD.	subsdiary	9/9/2013	5	5
81	TATIYA ANDHRA MEGA POWER LTD.	subsdiary	4/17/2009	5	5
82	UDUPI KASARGODE TRANSMISSION LTD.	subsdiary	11/29/2018	5	5
83	VAPI-II NORTH LAKHIMPUR TRANSMISSION LTD.	subsdiary	6/25/2018	1	1
84	WRSS XXI(A) TRANSCO LIMITED	subsdiary	3/26/2019	5	5
85	YULE ELECTRICAL LTD.	subsdiary	8/23/2007	15000	5
86	YULE ENGINEERING COMPANY LTD.	subsdiary	8/23/2007	15000	5

LIST OF CPSES WHICH HAVE BEEN ADDED/ DELETED/CLOSED DURING THE YEAR 2018-19

New CPSEs Added during the year 2018-19

Sl No	Name of CPSEs	Ministry Name	Remarks
1	NewSpace India Limited	Department of Space	Under Construction
2	Ircon Vadodara Kim Expressway Limited	Ministry of Railway	Operating
3	Bharat Gas Resources limited	Ministry of Petroleum and Natural Gas	Under Construction
4	NMDC CSR Foundation	Ministry of Steel	Operating
5	EPI Urban Infra Developers Limited (EPIUIDL)	Department of Heavy Industries	Under Construction
6	Powergrid Jawaharpur Firozabad Transmission Limited	Ministry of Power	Under Construction
7	Bhind Guna Transmission Limited	Ministry of Power	Under Construction
8	Jam Khambaliya Transco Limited	Ministry of Power	Under Construction
9	Udupi Kasargode Transmission Limited	Ministry of Power	Under Construction
10	Khetri Transco Limited	Ministry of Power	Under Construction
11	Ajmer Phagi Transco Limited	Ministry of Power	Under Construction
12	Lakadia Banaskantha Transco Limited	Ministry of Power	Under Construction
13	WRSS XXI(A) Transco Limited	Ministry of Power	Under Construction
14	Nabinagar Power Generating Company Limited	Ministry of Power	Under Construction
15	Vapi-II North Lakhimpur Transmission Ltd	Ministry of Power	Under Construction
16	India International Convention and Exhibition Centre Limited	D/f promotion for Industry & Internal Trade	Under Construction

CPSEs Deleted/closed during the year 2018-19

Sl No.	Name of CPSEs	Ministry Name	Remarks
1	Donyi Polo Ashok hotel Corporation Limited	Ministry of Tourism	ITDC Transferred equity stake to JV Partner i.e. Arunachal Pradesh Industrial Development & Financial Corp. Ltd.
2	Ghatampur Transmission Limited	Ministry of Power	Transferred to Adani Transmission Limited
3	PFC Green Energy Ltd (PFCGEL)	Ministry of power	Merged with PFC
4	PFC Capital Advisory services Ltd (PFCCAS)	Ministry of power	Merged with PFCCCL
5	Petronek CCK Limited	Ministry of petroleum	Merged with BPCL (Holding company) in June 2018.
6	DREDGING CORPN. OF INDIA LTD.	Ministry of shipping	GOI has sold its shares to 4 major ports. So It is no more a CPSE
7	Grid Conductors Limited	Ministry of power	Struck off from list of companies by RoC

**List of CPSEs under liquidation as per information by CPSE/Concerned Ministry
(as on 31.03.2019)**

1	HINDUSTAN PAPER CORPORATION LTD.
2	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.
3	ORISSA DRUGS & CHEMICALS LTD.
4	BITES INFRASTRUCTURE SERVICES LTD.

**List of CPSEs approved for closure by the Government
(as on 31.03.2019)**

1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD
2	BIRDS JUTE & EXPORTS LTD.
3	BURN STANDARD COMPANY LTD.
4	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.
5	HMT CHINAR WATCHES LTD.
6	INDIAN DRUGS & PHARMACEUTICALS LTD.
7	NATIONAL JUTE MANUFACTURES CORPORATION LTD.
8	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.
9	TUNGABHADRA STEEL PRODUCTS LTD.

Note: Financial/non financial data for above CPSEs have not been estimated/repeated for PE Survey 2018-19 as per the decision of SOM meeting dated 20.08.2019

GLOSSARY OF CERTAIN TERMS USED IN THIS REPORT

1. Capital Employed means total shareholder's funds and long term borrowings.
2. Share Holder Funds consists of paid up capital, reserves & surplus (other equity in case of Ind-AS companies), 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 Fixed Assets 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 includes excise duty.
7. Total Income means net turnover (excluding excise duty) and includes other income.
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 all reserves created out of the profits and securities premium account excluding reserves created out of revaluation of assets, write-back of depreciation & amalgamation less accumulated losses, deferred expenditure and miscellaneous expenditure not written off.
10. Value Addition consists of profit before tax (PBT), interest, salaries and wages, rent/ royalty and cess, depreciation, depletion & amortization, DRE/ impairment.
11. Return on Assets means Profit after Tax (PAT) divided by Total Assets.
12. Return on Net Worth means Profit after Tax (PAT) divided by Net Worth.
13. Net Profit Margin means Profit after Tax (PAT) divided by Total Income.
14. Operating Margin means Profit before Interest, Exceptional, Extraordinary Items and Tax (PBIET) divided by Net Revenue/Turnover.
15. Return on Capital Employed means Profit before Interest and Tax (PBIT) divided by Capital Employed.
16. Debt-Equity Ratio means Long Term Borrowings divided by Net Worth.
17. Sales/Capital Employed means Net Revenue/Turnover divided by Capital Employed.