



सत्यमेव जयते

Government of India
Ministry of Finance
Department of Public Enterprises
New Delhi

Public Enterprises **SURVEY** 2022-23

ANNUAL REPORT ON THE PERFORMANCE OF
CENTRAL PUBLIC SECTOR ENTERPRISES





Public Enterprises Survey 2022-23

Government of India
Ministry of Finance
Department of Public Enterprises

निर्मला सीतारामन
वित्त एवं कॉर्पोरेट कार्य मंत्री
भारत सरकार



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FOREWORD

Central Public Sector Enterprises (CPSEs) play an important role in bolstering Indian Economy particularly in strategic and citizen centric sectors. To measure their progress as well as their contribution to the Indian economy, it is important to have reliable and systematically maintained data source. The Annual Public Enterprise Survey is a unique data repository catering to the aforesaid need.

I am happy to note that during the Financial Year 2022-23, the overall performance of CPSEs in India has shown a significant improvement. I wish to compliment all those who have worked tirelessly to ensure timely preparation of the 63rd edition of the Public Enterprises Survey for the Financial Year 2022-23.

(Nirmala Sitharaman)

December, 2023
New Delhi

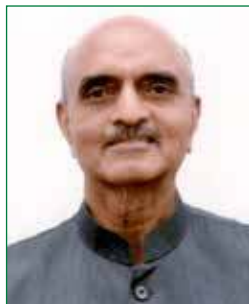
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08 DEC 2023



Preface

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. To facilitate analysis of performance of the 'CPSEs', the Department of Public Enterprises (DPE) has been bringing out an Annual Survey since 1960-61. The survey provides a consolidated picture of the performance of Central Public Sector Enterprises (CPSEs).

I place on record my deep appreciation of the efforts put in by all concerned both within DPE and outside in bringing together the 63rd edition of the PE Survey 2022-23.

(Dr. Bhagwat Karad)

New Delhi

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75
Azadi Ka
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वित्त मंत्रालय
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Government of India
Ministry of Finance
Department of Public Enterprises

Introduction



The Department of Public Enterprises (DPE) under the Ministry of Finance is the nodal Department for all the Central Public Sector Enterprises (CPSEs).

To bring focus to the accomplishments of CPSE's. The Public Enterprises Survey is carried out through a dedicated online portal, where the CPSEs upload their data directly. The Audited Financial Statements and /or the Annual Report of the CPSEs form the basis of the Survey. The Survey has also become instrumental in the MoU assessments of CPSE's as data travels from the Survey Portal to MoU Portal in an auto mode.

I express my deep gratitude to all the staff and officers of the concerned Ministries; the CPSEs and those of DPE without whose dedicated work the exercise would not have fructified.

The Survey Report is available on the Department's website www.dpe.gov.in. Suggestions to further improve the Survey are welcome.

(Ali R. Rizvi)

December, 2023
New Delhi

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Acknowledgement

The Department of Public Enterprises (DPE) of the Ministry of Finance is the nodal department in the Government of India to provide, inter-alia, an overview on the financial performance of Central Public Sector Enterprises (CPSEs). The Public Enterprises (PE) Survey is a consolidated report of the performance of all CPSEs and is prepared according to the recommendations of the Estimates Committee (2nd Lok Sabha). The Public Enterprises Survey is laid in the Parliament every year.

The Public Enterprises Survey traditionally covers, besides 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, where any CPSE has more than 50% equity are also categorised as CPSEs. However, the survey does not include departmental public enterprises such as banking institutions, insurance companies, etc. in which stake of the Central Government is either less or equal to 50%. The survey mainly covers financial analysis besides other few non-financial parameters.

Department of Public Enterprises provided an online portal/platform for the CPSEs for the submission of data /information related to Survey Report under the **E-governance initiative of GOL**. Further, Survey division has also developed a dashboard, available on Department website, wherein CPSEs/Cognate/Sector wise dynamic analysis is available on various parameters for the users. In comparison to 389 CPSEs covered under survey in the year 2021-22, total 402 CPSEs have been covered in this year 2022-23 out of which 254 CPSEs are Operating CPSEs. Three enterprises namely; **HIL (INDIA) LTD., Hindustan Prefab Ltd. and Karnataka Trade Promotion Organisation** have not furnished the data/information.

I would also like to express my sincere gratitude to our Secretary, Shri Ali R. Rizvi, for his kind association and supervision. His exemplary guidance, contestant encouragement, and careful monitoring throughout the survey work have helped in the completion of the survey work.

I would like to express my gratitude to all the Ministries/Departments and other institutions for making available all the relevant information. I would also like to acknowledge the co-operation extended by all the CPSEs in submitting the requisite data and information to the Department.

I thank to the officers and staff of the Department of Public Enterprises and NIC (DPE), Gol for their efforts and hard work incorporated in this work.

Besides, I also take this opportunity to express a deep sense of gratitude to the CPSEs namely; IOCL, PFC, IRFCL, NTPC and REC who have provided their valuable and expert Resource Persons, who contributed with their excellent financial expertise, during this assignment.

This Survey Report 2022-23 will be hosted on the DPE website www.dpe.gov.in. Suggestions to further improve the Public Enterprises Survey are welcome, and may be sent to e-mail: psurvey@nic.in.

(M. K. Ujjainia)
Deputy Director General

December, 2023
New Delhi

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Statements and Appendices

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Executive Summary

The Public Enterprises Survey

The Public Enterprises Survey 2022-23 presents a summary of the financial performance of Central Public Sector Enterprises for the Financial Year 2022-23. The Section 2 (45) of Companies Act, 2013 defines Government Company to mean – any company in which not less than 51 percent of the paid-up share capital is held by 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.

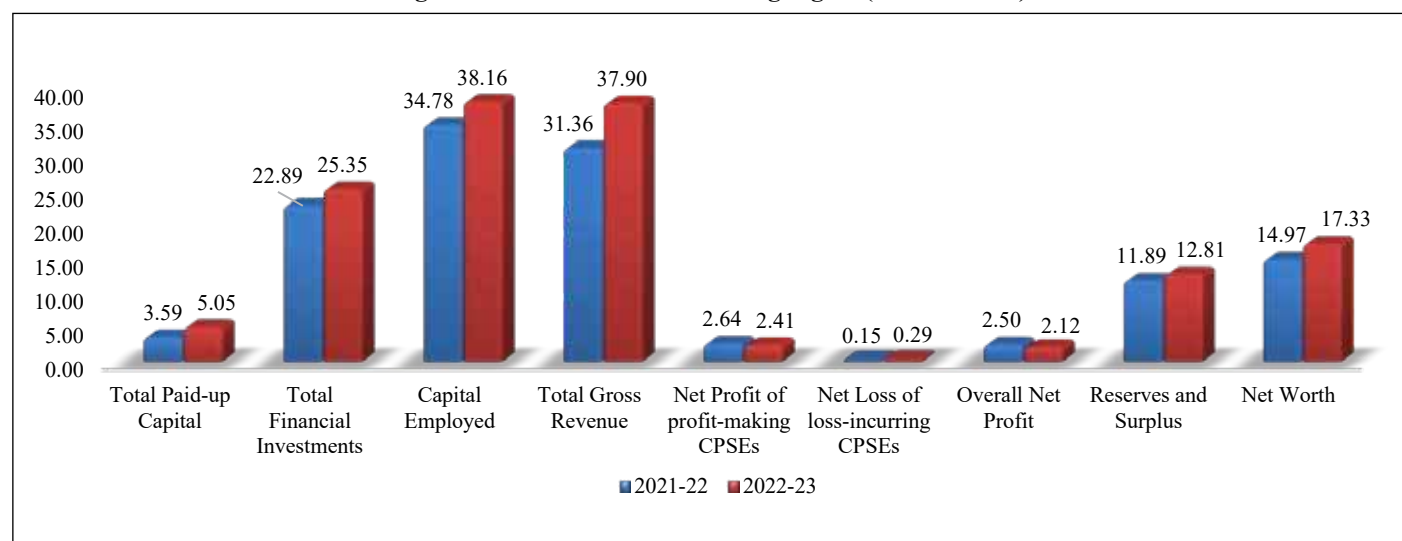
Coverage

The Public Enterprises Survey traditionally covers, besides 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, where any CPSE has more than 50% equity are also categorised as CPSEs. The survey does not cover departmentally run public enterprises, banking institutions and insurance companies. The Public Enterprises Survey 2022-23 is the 63rd publication in this series. The survey presents the picture of 402 CPSEs which includes 254 Operating CPSEs.

Key Highlights:

The survey provides essential statistical data for all CPSEs from various perspectives by segregating these enterprises into various sectors such as Agriculture, Mining & Exploration, Manufacturing, Processing & Generation and Services. The key highlights of the survey outcomes in terms of certain important parameters is depicted in the **Figure 1**.

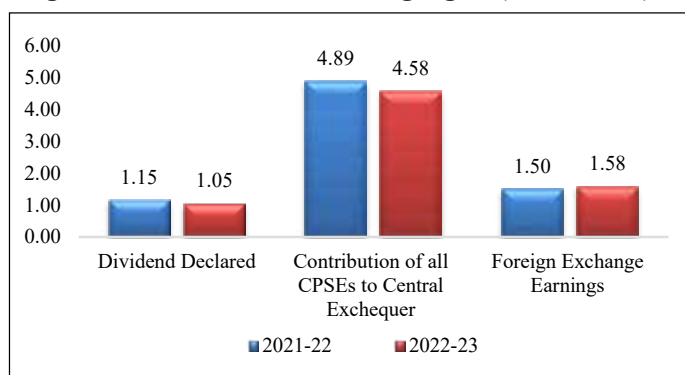
Figure 1: CPSEs Performance Highlights (₹ lakh crores).



- ❖ **Total Paid-up Capital** of all CPSEs was ₹5.05 lakh crore as on March 31, 2023 as against ₹3.59 lakh crore on March 31, 2022 showing an increase of **40.85%**.
- ❖ **Total Financial Investments** in all CPSEs was ₹25.35 lakh crore as on March 31, 2023 against ₹22.89 lakh crore as on March 31, 2022, recording a growth of **10.75%**.
 - Among the sectors, Services sector had the highest investments accounting for 65.85% of outstanding financial investments in CPSEs, followed by Manufacturing, Processing & Generation with 26.11%, and Mining & Exploration with 4.14%. The share of Agriculture was negligible.
 - Among the cognate groups, Financial Services accounted for 51.12 % of the outstanding Financial Investments followed by Power Generation with 14.35%, Petroleum (Refinery & Marketing) with 6.42% and Power Transmission with 5.42%. The share of other cognate groups was comparatively lower.
 - Top five CPSEs having highest financial investments are Indian Railway Finance Corporation Ltd, Power Finance Corporation Ltd, REC Ltd, NTPC Ltd & Power Grid Corporation of India.

- ❖ **Capital Employed** by all CPSEs was ₹38.16 lakh crore as on March 31, 2023 against ₹34.78 lakh crore as on March 31, 2022, showing a growth of **9.71%**.
- ❖ **Total Gross Revenue** from the operations of operating CPSEs during FY 2022-23 was ₹37.90 lakh crore as against ₹31.36 lakh crore in FY 2021-22, showing an increase of **20.83%**.
 - This increase in FY 2022-23 was largely due to increase in the Petroleum (Refinery & Marketing), Transport and logistics & Power Generation Cognate Group.
 - Among the sectors, Manufacturing, Processing & Generation sector continues to command the highest share followed by Services, and Mining & Exploration. Three Cognate Groups Petroleum (Refinery & Marketing), Trading & marketing and Power Generation together contributed 69.53 % to the Gross Revenue in FY 2022-23.
 - Top five CPSEs having highest Revenue during FY 2022-23 are Indian Oil Corporation Ltd, Bharat Petroleum Corporation Ltd, Hindustan Petroleum Corporation Ltd, Food Corporation of India and NTPC Ltd.
- ❖ **Net Profit** of profit-making CPSEs stood at ₹2.41 lakh crore in FY 2022-23 against ₹2.64 lakh crore in FY 2021-22 showing an decrease of **8.88 %**. Top five CPSEs with highest Net profits are ONGC Ltd, NTPC Ltd, Power Grid Corporation of India, Coal India Ltd & Mahanadi Coalfields Ltd.
- ❖ **Net Loss** of loss-incurring CPSEs was ₹0.29 lakh crore in FY 2022-23 as against ₹0.15 lakh crore in FY 2021-22 showing a increase of **97.31%**. Major loss making CPSEs are Hindustan Petroleum Corporation Ltd., Bharat Sanchar Nigam Ltd, Mahanagar Telecom Nigam Ltd, Rashtriya Ispat Nigam Ltd & Bharat Petro Resources Ltd..
- ❖ **Overall Net Profit** of operating CPSEs during FY 2022-23 stood at ₹2.12 lakh crore as against ₹2.50 lakh crore during FY 2021-22 showing an decrease of **15.08%**.
 - A major proportion of the profit is contributed by Coal cognate group, where it increased from ₹0.28 lakh crore in FY 2020-21 to ₹0.42 lakh crore in FY 2022-23. Within the coal cognate group, the major contribution towards increase in Overall Net Profit is contributed by Mahanadi Coalfields Ltd. (by ₹0.05 lakh crore.)
- ❖ **Reserves and Surplus** of all CPSEs stood at ₹12.81 lakh crore as on March 31, 2023 as against ₹11.89 lakh crore as on March 31, 2022, showing an increase of **7.73%**.
- ❖ **Net Worth** of all CPSEs increased from ₹14.97 lakh crore as on March 31, 2022 to ₹17.33 lakh crore as on March 31, 2023, showing an increase of **15.75%**.
- ❖ **Dividend** declared by operating CPSEs (117) in FY 2022-23 stood at ₹1.05 lakh crore against ₹1.15 lakh crore in FY 2021-22, showing an decrease of **8.15%**.
- ❖ **Contribution of all CPSEs to Central Exchequer** by way of excise duty, custom duty, GST, corporate tax, interest on Central Government loans, dividend, and other duties and taxes stood at ₹4.58 lakh crore in FY 2022-23 as against ₹4.89 lakh crore in FY 2021-22, showing an decrease of **6.20%**. The collection has decreased due to an decrease in Excise duty from ₹2.65 lakh crore (in FY 2021-22) to ₹2.31 lakh crore (in FY 2022-23). Top five CPSEs contributing to Central Exchequer are Indian Oil Corporation Ltd, Bharat Petroleum Corporation Ltd, Hindustan Petroleum Corporation Ltd, ONGC Ltd & Mangalore Refinery & Petrochemicals Ltd.
- ❖ **Foreign Exchange Earnings** of operating CPSEs through the export of goods and services stood at ₹1.58 lakh crore in FY 2022-23 against ₹1.50 lakh crore in FY 2021-22, showing an increase of **5.56%**. Top Five CPSEs under this category are Mangalore Refinery & Petrochemicals Ltd, GAIL (India) Ltd, Indian Oil Corporation Ltd, Bharat Petroleum Corporation Ltd & ONGC Videsh Ltd.

Figure 2: CPSEs Performance Highlights (₹ lakh crore)

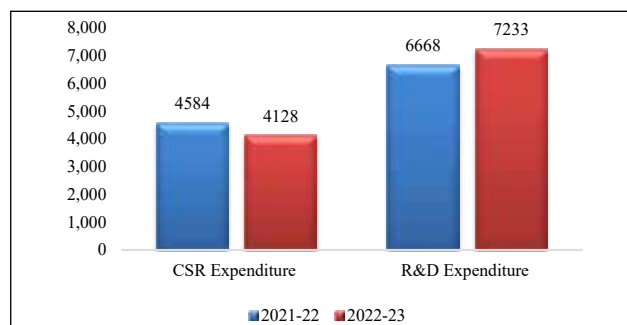


❖ **CSR Expenditure** of all CSR eligible CPSEs (166) stood at ₹4,128 crore in FY 2022-23 against ₹4,584 crore in FY 2021-22 showing a decrease of **9.94%**. Top five CPSEs contributing highest under CSR are ONGC Ltd, Power Grid Corporation Ltd, NTPC Ltd, Indian Oil Corporation Ltd and Power Finance Corporation Ltd.

❖ **R&D Expenditure** of all CPSEs stood at ₹7,233 crore in FY 2022-23 against ₹6,668 crore in FY 2021-22 showing an increase of **8.47%**. Top five CPSEs contributing highest under this head are Hindustan Aeronautics Ltd., Indian Oil Corporation Ltd, Bharat Heavy Electricals Ltd., ONGC Ltd & Steel Authority of India Ltd.

❖ **Total Market Capitalisation (M-cap)** of 63 CPSEs traded on stock exchanges of India was ₹16.69 lakh crore as on March 31, 2023 as against ₹15.46 lakh crore as on March 31, 2022 showing an increase of 7.95 %. Major contributors of increase in M-Cap are Mazagaon Dock Shipbuilders Ltd (173%), Rail Vikas Nigam Ltd. (105%), Garden Reach Shipbuilders & Engineers Ltd. (91%), and 5 other CPSEs having an increase of more than 50%.

Figure 3: CPSEs Performance Highlights-CSR and R&D expenditure (₹ crore)



CPSEs and the Indian Economy



1

Chapter 1

CPSEs and the Indian Economy

1.1 Introduction

CPSEs have played a key role in the Indian economy since independence by way of providing industrial growth and fulfilling social responsibilities such as implementing government's flagship programs and providing last mile connectivity and public utilities even in the hinterlands. The CPSEs also generate employment opportunities and act as a vital extension of the Central Government in implementing critical infrastructure and development projects.

1.2 Brief history of the Public Enterprises (PE) Survey

The Estimates Committee in its 73rd Report (2nd Lok Sabha) in FY 1959-60 recommended that in addition to the annual report of each enterprise submitted on the Table of both Houses of Parliament, there should be a separate detailed report highlighting the performance of CPSEs. The Bureau of Public Enterprises (now Department of Public Enterprises) under the Ministry of Finance drafted the first Public Enterprises Survey in FY 1960-61. This report depicted the working of all the CPSEs using key financial and operational parameters.

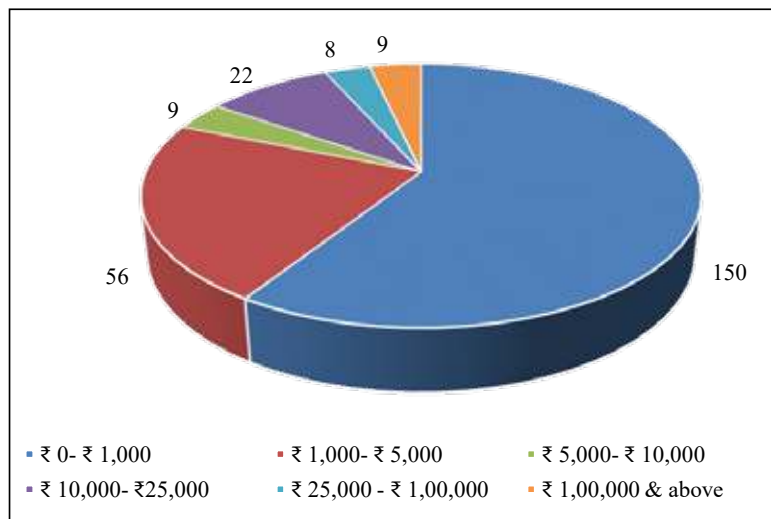
1.3 Overview of CPSEs

Most CPSEs were set up after independence when the private sector was neither forthcoming nor had the capacity for large capital-intensive enterprises. There were only five CPSEs in 1951 but by 1969, the number grew to 84. The number of CPSEs trebled to 260 in FY 2011-12, and increased to 402 in FY 2022-23. **Table 1.1** has been provided the trend in total number of CPSEs over the last five years along with number of listed CPSEs.

Table 1.1: Trend in number of CPSEs.

S No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23
1.	Total number of CPSEs	348	366	389	389	402
2.	Number of operating CPSEs	249	256	255	248	254
3.	CPSEs Under Construction	86	96	108	95	84
4.	CPSEs under closure/liquidation/non-operating	13	14	26	46	64
5.	Number of listed CPSEs	56	58	61	62	63

Figure 1.1 Distribution of CPSEs in terms of Gross Turnover (₹ crores).



There are total 254 operating CPSEs in FY 2022-23 contributing total Gross turnover of ₹37.90 lakh crores. **Figures 1.1** shows the distribution of no. of CPSEs in terms of the turnover during FY 2022-23. As per the figure, 150 CPSEs belong to the category of having operational income less than ₹1,000 crores. 56 CPSEs having operational income between ₹1,000 – ₹5,000 crore, 9 CPSEs having operational income between ₹5,000 – ₹10,000 crores, 22 CPSEs having operational income between ₹10,000 – ₹25,000 crores, 8 CPSEs between ₹25,000 – ₹1,00,000 crores and 9 CPSEs having operational income more than ₹1,00,000 crores. The 9 CPSEs whose turnover is more than ₹1,00,000 crores, contributing 75.28% of the total Gross turnover of all operating CPSEs.

1.4 Cognate-group wise distribution of Operating CPSEs

The operating CPSEs covered in this survey have been classified into four sectors having 20 different cognate groups. The cognate groups in which the CPSEs have been classified are listed in **Table 1.2**. The classification of CPSEs under respective cognate groups is given in **Appendix-II**.

Table 1.2 Cognate group-wise classification of Operating CPSEs.

S. No.	Cognate Group	Number of CPSEs	
		March 31, 2022	March 31,2023
Agriculture			
1.	Agro-Based Industries	2	2
	Sub-Total	2	2
Mining & Exploration			
2.	Coal	8	8
3.	Crude Oil	5	5
4.	Other Minerals & Metals	10	10
	Sub-Total	23	23
Manufacturing, Processing & Generation			
5.	Chemicals & Pharmaceuticals	10	9
6.	Defence Production	1*	19
7.	Fertilisers	6	5
8.	Heavy & Medium Engineering	30	16
9.	Industrial & Consumer Goods	8	8
10.	Petroleum (Refinery & Marketing)	8	6
11.	Power Generation	13	14
12.	Steel	4	3
13.	Textiles	5	5
	Sub-Total	85	85
Services			
14.	Contract & Construction and Tech. Consultancy Services	48	50
15.	Financial Services	24	24
16.	Hotel & Tourist Services	4	4
17.	Power Transmission	15	20
18.	Telecommunication & Information Technology	8	8
19.	Trading & Marketing	17	17
20.	Transport & Logistic Services	22	21
	Sub-Total	138	144
Grand Total		248	254

* Transport Vehicle & Equipment cognate CPSE has been merged under newly formed Defence Production cognate.

1.5 Role of CPSEs in Indian Economy

The CPSEs play an important role in the growth of the Indian economy. Apart from the direct contribution to the economic output of the country, the products and services offered by the CPSEs help in creating a significant downstream impact in the form of generating MSME growth opportunities, creating direct / indirect employment, driving Government's strategic agenda, contributing to the Central Exchequer, technological progress and innovation, etc.

Out of 402 CPSEs covered in PE Survey 2022-23, 254 are operating CPSEs with a total operating income (Gross Turnover) of ₹37.90 lakh crore. The total Financial Investment and Gross Block of all CPSEs stood at ₹25.35 lakh crore & ₹30.52 lakh crore respectively.

Gross Domestic Products (GDP) vs Investment/Gross Block of CPSEs

As per National Accounts Statistics 2023, the GDP estimated at current prices was ₹272.41 lakh crore in FY 2022-23, as against ₹234.71 lakh crore in FY 2021-22 (16.06 % growth). The estimated Gross Value Added (GVA) at current price was ₹247.43 lakh crore in FY 2022-23, as against ₹214.39 lakh crore in FY 2021-22 (15.41% growth).

The Financial Investments in CPSEs increased by ₹2.46 lakh crore during the year, from ₹22.89 lakh crore in FY 2021-22 to ₹25.35 lakh crore in FY 2022-23. The increase in Financial Investments was largely driven by long term loans which comprises 79.87 % of overall Financial Investment. The highest increase in Financial Investments was seen in the Financial Services cognate group (which contributed to 51.12% of the overall increase in Financial Investments), followed by Defence Production which is 3.64%. The total Gross Block of all CPSEs increased by ₹2.61 lakh crore during the year, from ₹27.91 lakh crore in FY 2022-23 to ₹30.52 lakh crore in FY 2021-22. The largest increase in Gross Block was reported by Indian Oil Corporation Ltd, followed by ONGC Ltd. and BSNL Ltd.

Table 1.3: National GVA/GDP viz-a-viz CPSEs' Investment/Gross block

S. No.	Parameters	2021-22 (₹ lakh crore)	2022-23 (₹ lakh crore)	% Variation
1	National Gross Value Added (GVA) at current prices	214.39	247.43	15.41%
2	GDP at current prices	234.71	272.41	16.06%
3	Total Gross Block of CPSEs	27.91	30.52	9.34%
4	Financial Investments in CPSEs	22.89	25.35	10.75%

1.6 Key Sectoral Trends

In PE Survey, the Operating CPSEs are classified under four sectors namely Agriculture, Mining & Exploration, Manufacturing, Processing & Generation, and Services sector. **Table 1.4** shows the percentage of sectoral contribution in India's GVA vs. Gross Block of CPSEs.

Table 1.4: Sectoral Contribution in India's GVA vs. CPSEs Gross Block (FY 2022-23)

S. No.	Parameters	Percentage in India's GVA	Percentage in CPSEs Gross Block
1	Agriculture Sector	18.42	0.04
2	Mining & Exploration Sector	2.36	19.27
3	Manufacturing, Processing & Generation Sector	14.70	51.20
4	Service Sector	64.53	29.49

Key Trends in Agriculture

Agriculture and its allied sectors remain an important sector in Indian economy as they play a vital role in employment and income and in ensuring national food security. As per the National Accounts Statistics 2023, the GVA by economic activity (at current prices) of Agriculture sector was ₹45.58 lakh crore in FY 2022-23, forming 18.42% of the overall GVA. The GVA of Agriculture sector showed a growth of 12.07% in FY 2022-23 over the FY 2021-22.

The aggregate Gross Block of two CPSEs under Agriculture sector increased by ₹27.47 crore in FY 2022-23, growing at 2.61% over FY 2021-22. 61.22% of the Gross Block in the sector is attributed to HPCL Biofuels Ltd.

Key Trends in Mining & Exploration

India has abundant mineral resources distributed in different geographical locations of the country. India continues to be largely self-sufficient in various minerals which are used as raw materials in industries such as iron & steel, aluminium, cement, various types of refractories, clay-based ceramics, glass, etc.

As per the National Accounts Statistics 2023, the GVA by economic activity (at current prices) of Mining sector was ₹5.84 lakh crore in FY 2022-23, forming 2.36% of overall GVA. The GVA of Mining sector showed a growth of 35.91% in FY 2022-23 over the FY 2021-22.

The aggregate Gross Block of all 23 operating CPSEs in the sector increased by ₹0.19 lakh crore in FY 2022-23, growing at 3.44% over FY 2021-22. About 78.51% of Gross Block has been in the Crude Oil cognate group. Among the CPSEs, ONGC (under the Crude Oil cognate group) has the highest increase in Gross Block (increase of ₹0.31 lakh crore) in FY 2022-23.

The financial investments decreased by ₹0.04 lakh crore from ₹1.09 lakh crore in FY 2021-22 to ₹1.05 lakh crore in 2022-23. The decrease in financial investments was due to decline in long term loans (comprising about 47.28% of financial investments).

Key Trends in Manufacturing, Processing & Generation

Manufacturing sector is not only a vital sector for job creation but its performance is essential for achieving the goal of making India a robust economy. The Government of India has taken a slew of measures to strengthen the sector including the ‘Make in India’ initiative and the Production-Linked Incentive (PLI) scheme. As per the National Accounts Statistics 2023, the GVA by economic activity (at current prices) of Manufacturing sector was ₹36.36 lakh crore in FY 2022-23 forming 14.70% of overall GVA. The GVA of Manufacturing sector showed an increase of 7.05%, over the FY 2021-22.

The aggregate Gross Block of all 85 operating CPSEs in the sector increased by ₹1.32 lakh crore in FY 2022-23, growing at 9.62% over the FY 2021-22. Nearly, 81% of the Gross Block in the sector is attributable to two cognate groups – Power Generation and Petroleum (Refinery & Marketing). In case of Power Generation cognate group, the top two CPSEs driving the increase in Gross Block were NTPC Green Energy Ltd. (New CPSE) and Nuclear Power Corporation of India Ltd. Similarly, in case of Petroleum (Refinery & Marketing) cognate group the top CPSEs driving the increase Gross Block include IOCL, HPCL and BPCL. During the same period, the financial investment increased by ₹0.79 lakh crore from ₹5.51 lakh crore in FY 2021-22 to ₹6.30 lakh crore in 2022-23. The increase in financial investments was largely through Paid up capital.

Key Trends in Services

Services have been the largest contributor to India’s growth story in the past decade and will continue to evolve in the years to come. Some of the key sub-sectors within Services cognate group are trade, hotels and tourism, transport, logistics and communication, financing, insurance, real estate, business services, social and personal services, and services associated with construction. As per the National Accounts Statistics 2023, the GVA by economic activity (at current prices) of other sectors (excluding Agriculture, Mining and Manufacturing) was ₹159.66 lakh crore in FY 2022-23, forming 64.53% of overall GVA. The GVA of the sector showed a growth of 17.86 % in FY 2022-23 over the FY 2021-22.

The aggregate Gross Block of all 138 operating CPSEs in the sector increased by ₹0.64 lakh crore in FY 2022-23, growing at 8.03% over FY 2021-22. A major share of the incremental Gross Block in the sector is attributed in Transport & Logistics cognate group. The Gross Block increase can be largely attributed to Dedicated Freight Corridor Corporation of India Ltd under Transport & Logistics cognate group.

During the same period, the financial investments increased by ₹1.25 Lakh crore from ₹14.63 Lakh crore in FY 2021-22 to ₹15.88 Lakh crore in 2022-23. The increase in financial investments was largely through long term loans which contributes to 90.71% of total financial investment in Services Sector during the year, followed by Paid up capital.

1.7 Key Contributions of CPSEs – Central Exchequer, CSR and Foreign Exchange Earnings

CPSEs play a critical role in its contribution to CSR (Corporate Social Responsibility). The activities covered in CSR are; Eradicating Hunger & Poverty, Healthcare and Sanitation, Education & Skill Development, Contribution to funds set up by Central Government, Disaster Management, Rural Development, Environmental Sustainability, Empowerment of Women & Other Economically Backward sections, Sports, Arts & Culture, Armed Forces Welfare etc.

For the past 5 years, a cumulative total of ₹22,134 crores have been contributed by CPSEs in CSR. In FY 2022-23, 166 CPSEs contributed ₹4,128 crores towards CSR expenditure. The trend showing the CSR expenditure during past 5 years by the CPSEs is shown in **Figure 1.2**.

Figure 1.2: CSR Expenditure (₹ crores)

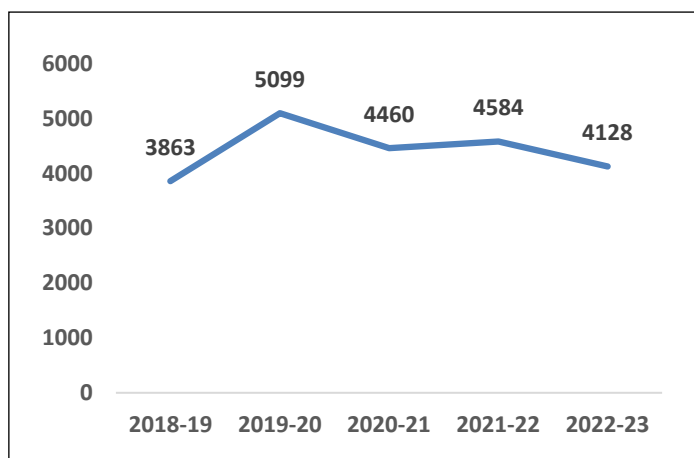
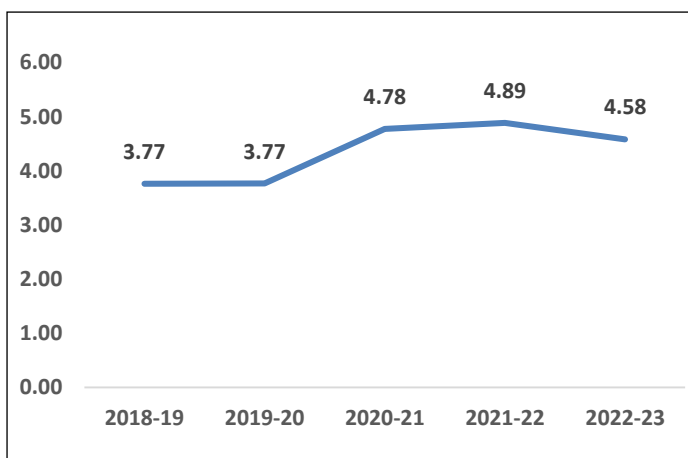
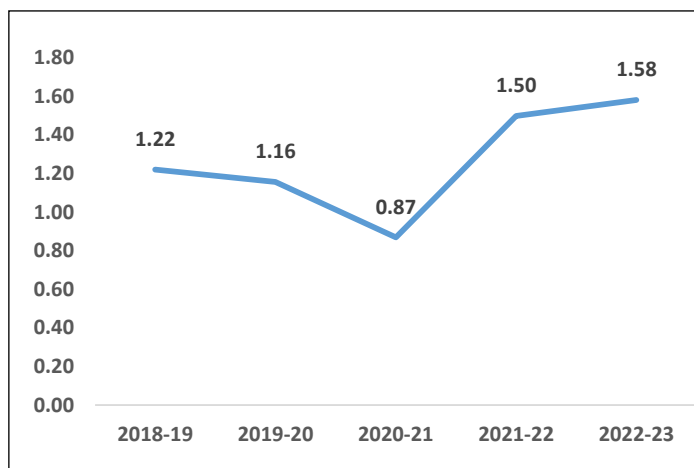


Figure 1.3: Contribution to Central Exchequer (₹ lakh crores)



Further, CPSEs have been remarkably contributing to Central Exchequer by way of excise duty, custom duty, GST, corporate tax, interest on Central Government loans, dividend, and other duties and taxes. A cumulative total of ₹21.78 lakh crores has been contributed by CPSEs in the past 5 years. In FY 2022-23, CPSEs contributed ₹4.58 lakh crores in Central Exchequer. The trend showing the Central Exchequer during past 5 years by the CPSEs is shown in **Figure 1.3**.

Figure 1.4: Foreign Exchange Earning (₹ lakh crores)



CPSEs have been contributing in growth of Indian economy through earning foreign exchanges. A cumulative total of ₹6.33 lakh crores has been earned by CPSEs during the past 5 years. In FY 2022-23, CPSEs earned ₹1.58 lakh crores in foreign currencies. The trend showing the foreign exchange earnings during past 5 years by the CPSEs is shown in **Figure 1.4**.

Financial Snapshot



2

Chapter-2

Financial Snapshot

The chapter analyses the performances of CPSEs in terms of certain selected parameters such as Financial Investments, Gross Block, Gross Revenue, Central Exchequer, Overall Net Profit, and Value Addition. The analysis outlines overall performance of CPSEs together with the trends depicting the changes over the past five years.

2.1 Gross Revenue

Gross Revenue of operating CPSEs increased from ₹25.46 Lakh crore in FY 2018-19 to ₹37.90 Lakh crore in FY 2022-23. As compared to FY 2021-22, the Gross Revenue in FY 2022-23 increased from ₹31.36 lakh crore to ₹37.90 lakh crore i.e, by 20.83%. Sector level analysis of Gross Revenue from operations and its share for last 5 years i.e. from FY 2018-19 to FY 2022-23 is provided in **Figure 2.1**.

Figure 2.1: CPSEs Gross Revenue from operations (₹lakh crore) and share of sectors (%) during last 5 Financial Years

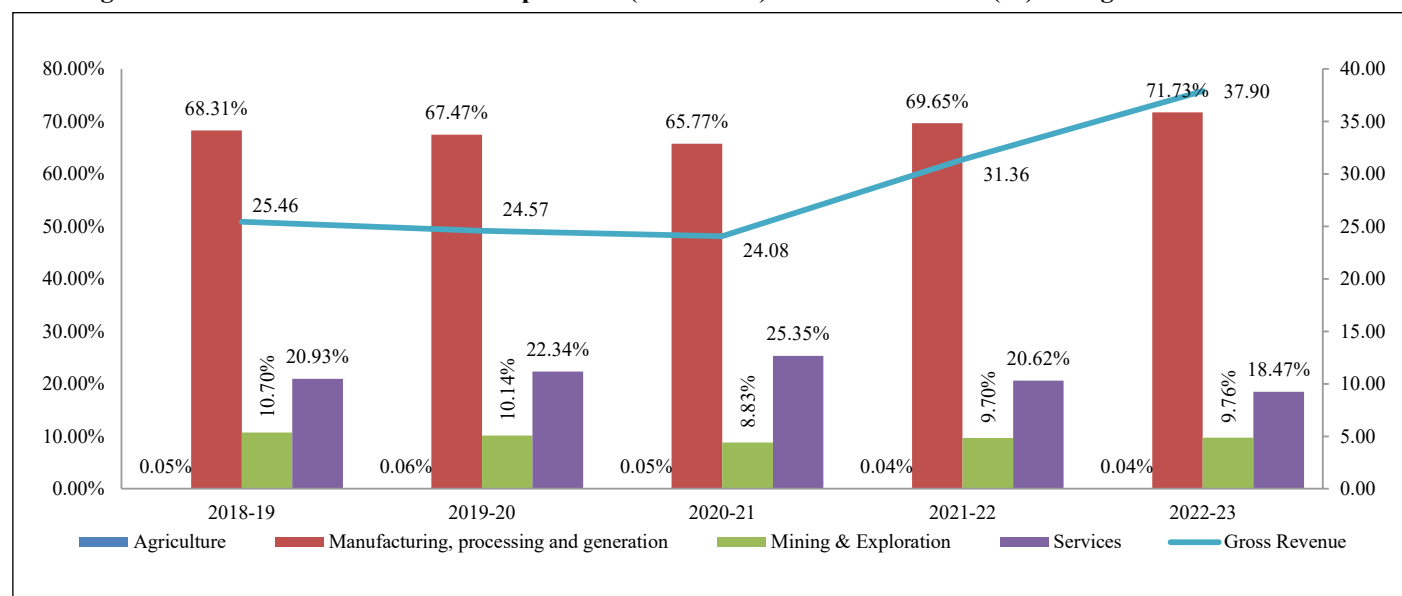
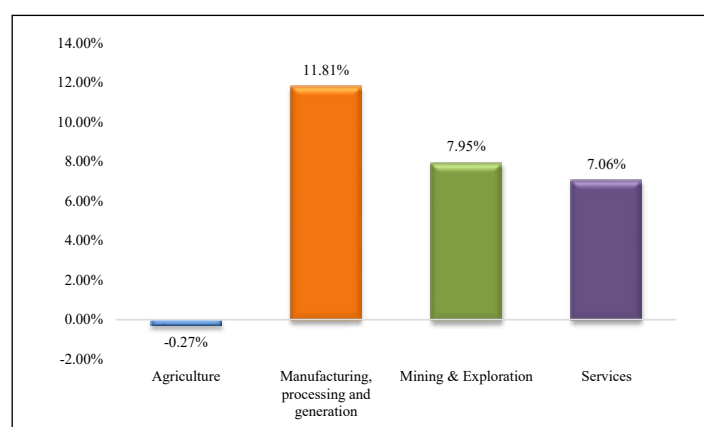
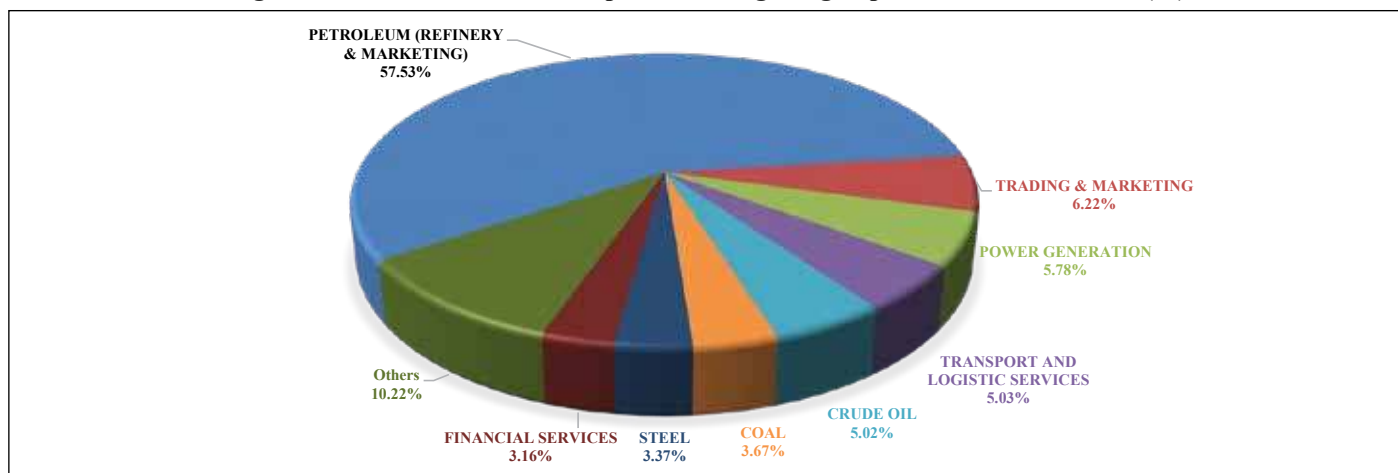


Figure 2.2: Gross Revenue from operations –CAGR (FY 2018-19 to FY 2022-23)



During the past five years, the overall Gross Revenue grew at a CAGR of 10.46%. The corresponding growth in terms of CAGR for Manufacturing, Processing & Generation sector stands at 11.81%, Mining & Exploration at 7.95% and for the Services sector the CAGR is 7.06%. However, the decline in Agriculture Sector stands at 0.27%. **(Figure-2.2)**

Figure 2.2a: Gross Revenue from operations – cognate group-wise share, FY 2022-23 (%)



At the cognate group-level, the four cognate groups - Petroleum (Refinery & Marketing), Trading & Marketing, Power Generation, and Transport And Logistic Services accounting for 74.56% of the Gross Revenue in FY 2022-23. The Petroleum (Refinery & Marketing) cognate group formed the highest share among the cognate group accounting for 57.53% of the Gross Revenue from operations. The share of Gross Revenue across cognate groups is shown in **Figure 2.2a** above.

2.2 Net Profit/ Loss

The Net Profit of the operating CPSEs increased from ₹1.43 lakh crore in FY 2018-19 to ₹2.12 lakh crore in FY 2022-23, after a decline in FY 2019-20 at ₹0.93 Lakh crore and high of ₹ 2.49 lakh crore (**Figure 2.3**). In FY2022-23, the contribution of Mining & Exploration was the highest at 45.08% followed by Service sector, Manufacturing, Processing & Generation sector and Agriculture sector at 27.88%, 27.03% and 0.01% respectively.

Figure 2.3: CPSEs Net Profit/Net Loss and share of sectors – FYs 2018-19 to 2022-23 (₹ crore, %)

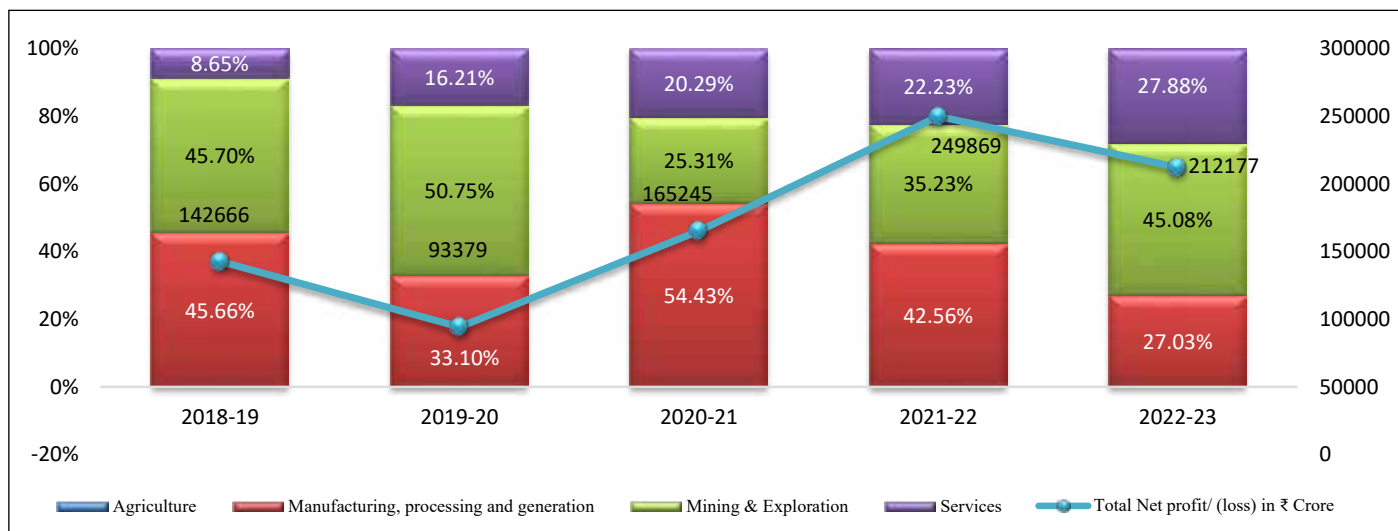


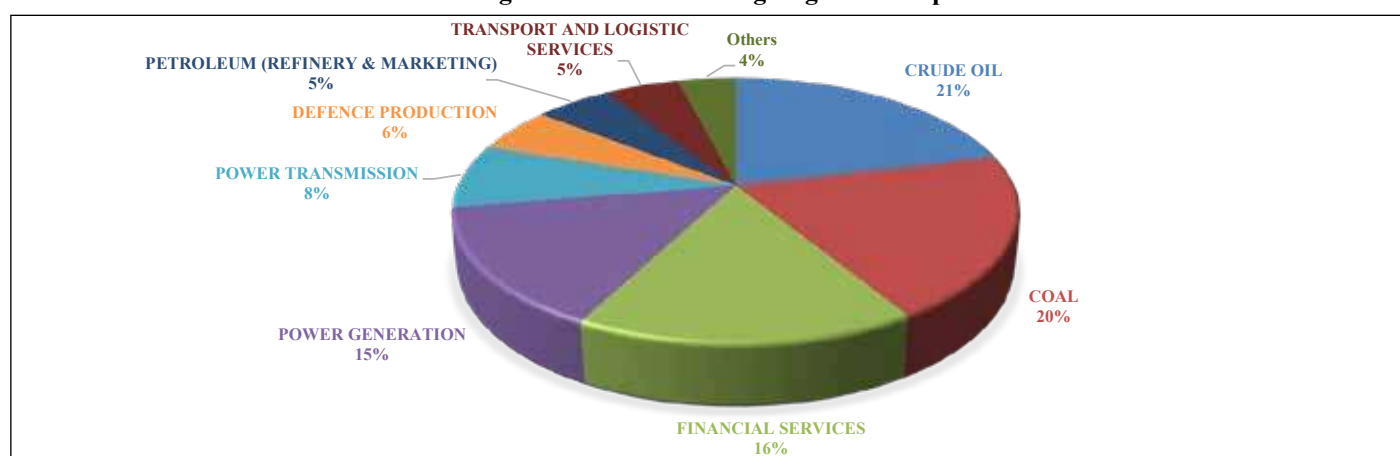
Table 2.1 shows that the aggregate Net Profit/Loss of the CPSEs in all sectors have declined in FY 2022-23 vis-a-vis FY 2021-22. In case of Agriculture Sector, the Net Loss turned in to Profit showing change of 121%. The Mining & Exploration sector shows increase in Net Profit by 9% and that of Service sector by 7%. However, there is a decline in Net Profit in Manufacturing, Processing & Generation sector by 46%. The increase of 121% year on year in Net Profit in Agriculture sector is largely contributed by National Seed Corporation (395%).

Table 2.1: Sector wise Aggregate Net Profit/Net Loss

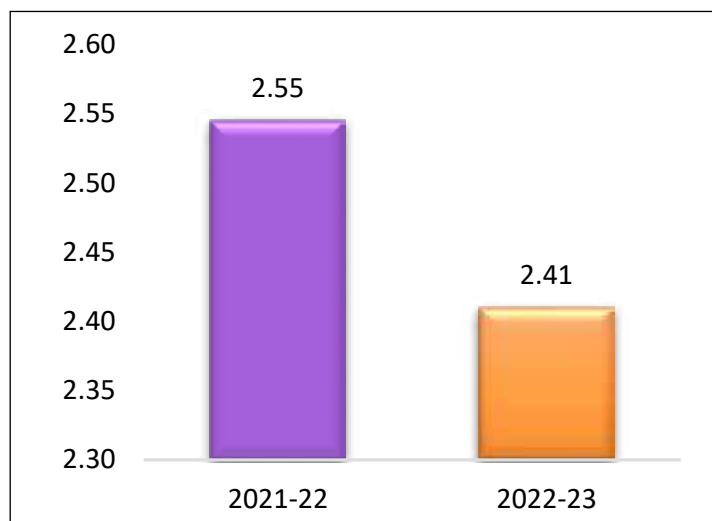
Sector	2021-22 (₹ crore)	2022-23 (₹ crore)	% Change
Agriculture	(56.19)	11.89	121%*
Manufacturing, Processing And Generation	1,06,345.96	57,360.90	(46)%
Mining And Exploration	88,033.58	95,639.81	9%
Services	55,545.25	59,164.80	7%
Total	2,49,688.60	2,12,177.40	

*Net Loss turned in to Profit showing change of 121%

An analysis at cognate group level shows that 17 out of the 20 cognate groups reported Net Profit in FY 2022-23 while the remaining 3 cognate groups reported Net Loss. Among the profit-making cognate groups (Figure 2.4), 5 cognate groups added 80% of the profits including Crude Oil (21%), Coal (20%), Financial Services (16%), Power Generation (15%) and Power Transmission (8%).

Figure 2.4: Profit-Making Cognate Group

2.2.1 Profit-making CPSEs

Figure 2.5: Aggregate Net Profit of profit-making CPSEs (₹crore)

The total Net Profit of profit-making CPSEs stood at ₹2.41 lakh crore in FY 2022-23, decreased by ₹0.14 lakh crore vis-a-vis FY 2021-22 (**Figure 2.5**). Out of 254 operating CPSEs, 193 reported total Net Profit of ₹2.41 lakh crore, 57 reported Net Loss aggregating to ₹0.29 lakh crore, 3 CPSEs does not provide any data and 1 CPSE (Food Corporation of India) has reported no profit or loss.

2.2.2 Top 10 profit-making CPSEs

Among the profit-making CPSEs, the top five CPSEs accounted for 41.34% of aggregate Net Profit, and the top 10 accounted for 59.88% of the aggregate Net Profit in FY 2022-23 (**Table 2.2**). Oil & Natural Gas Corporation Ltd. contributed highest net profit amongst these top 10 CPSEs in FY 2022-23.

Table 2.2: Top 10 profit-making CPSEs in FY 2022-23

S.No.	CPSE	Net Profit (₹crore)	Share (%)
1	OIL & NATURAL GAS CORPORATION LTD.	38,828.87	16.11%
2	NTPC LTD.	17,196.73	7.14%
3	POWER GRID CORPORATION OF INDIA LTD.	15,333.02	6.36%
4	COAL INDIA LTD.	14,802.31	6.14%
5	MAHANADI COALFIELDS LTD.	13,475.21	5.59%
6	POWER FINANCE CORPORATION LTD.	11,605.47	4.82%
7	REC LTD.	11,054.64	4.59%
8	INDIAN OIL CORPORATION LTD.	8,241.82	3.42%
9	NORTHERN COALFIELDS LTD.	6,973.99	2.89%
10	OIL INDIA LTD.	6,810.40	2.83%
Total (1-10)		1,44,322.46	59.88%
Other CPSEs (183 Nos.)		96,681.93	40.12%
Profit of profit-making CPSEs		2,41,004.39	100.00%

2.2.3 CPSEs returned from loss to profit in FY 2022-23

As per **Table 2.3**, there are 18 CPSEs returned to profit from loss in FY 2022-23. These 18 CPSEs reported a total profit of ₹2,407.06 crores in FY 2022-23 in comparison to total loss of ₹1,692 crores in FY 2021-22 of which 5 CPSEs reported profit of more than ₹2300 crores.

Table 2.3: CPSEs returned from loss to profit in FY 2022-23

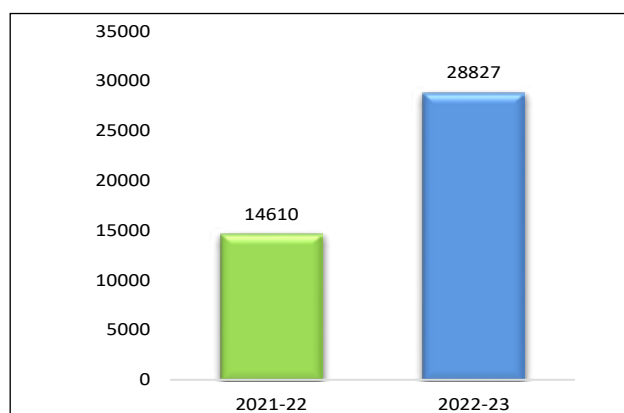
S. No.	CPSEs Name	2021-22	2022-23
		Net Loss (₹crore)	Net Profit (₹crore)
1	EASTERN COALFIELDS LTD.	1,060.66	616.42
2	M M T C LTD.	237.77	1,076.07
3	KONKAN RAILWAY CORPORATION LTD.	140.87	278.93
4	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	97.64	24.38
5	ENGINEERING PROJECTS (INDIA) LTD.	65.06	0.44
6	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	37.50	129.90
7	INDIA TRADE PROMOTION ORGANISATION	18.37	232.22
8	THE JUTE CORPN. OF INDIA LTD.	13.78	10.01
9	NATIONAL FILM DEV. CORPN. LTD.	6.74	5.01
10	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	4.63	4.27
11	BPCL-KIAL FUEL FARM PVT. LTD.	3.85	0.99
12	BHARAT BROADBAND NETWORK LTD.	2.49	0.10
13	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1.57	5.21
14	ANDREW YULE & COMPANY LTD.	0.90	1.17

(Cont.)

S. No.	CPSEs Name	2021-22	2022-23
		Net Loss (₹crore)	Net Profit (₹crore)
15	POWER GRID BHIND GUNA TRANSMISSION LTD.	0.07	9.17
16	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	0.06	6.79
17	POWER GRID BHUJ TRANSMISSION LTD	0.03	2.31
18	IRCON GURGAON REWARI HIGHWAY SERVICES	0.01	3.67
	Total	1,692.00	2,407.06

2.1.4 Loss-making CPSEs

Figure 2.6- Aggregate Loss of loss-making CPSEs (₹crore)



The aggregate loss of loss-making CPSEs was ₹28,827 crores in FY 2022-23 as against ₹14,610 crore in FY 2021-22. Aggregate loss of loss-making CPSEs increased by around ₹14,217 crores in the FY 2022-23 from the FY 2021-22 (**Figure 2.6**). Out of the total 57 loss making CPSEs, three CPSEs namely Hindustan Petroleum Corpn. Ltd. (₹8,974.03 crore), Bharat Sanchar Nigam Ltd. (₹8,161.56 crore), Mahanagar Telephone Nigam Ltd. (₹2,910.74) and Rashtriya Ispat Nigam Ltd. (₹2,858.74) accounted for 79% of the aggregate loss during FY 2022-23.

2.1.5 Top 10 loss-making CPSEs

A Further analysis on Top-10 loss making CPSEs shows that during the period FY 2022-23, 95.12% of aggregate loss is incurred by these CPSEs and major loss is incurred by Hindustan Petroleum Corpn. Ltd. (**Table 2.4**).

Table 2.4: Top 10 loss-making CPSEs in FY 2022-23

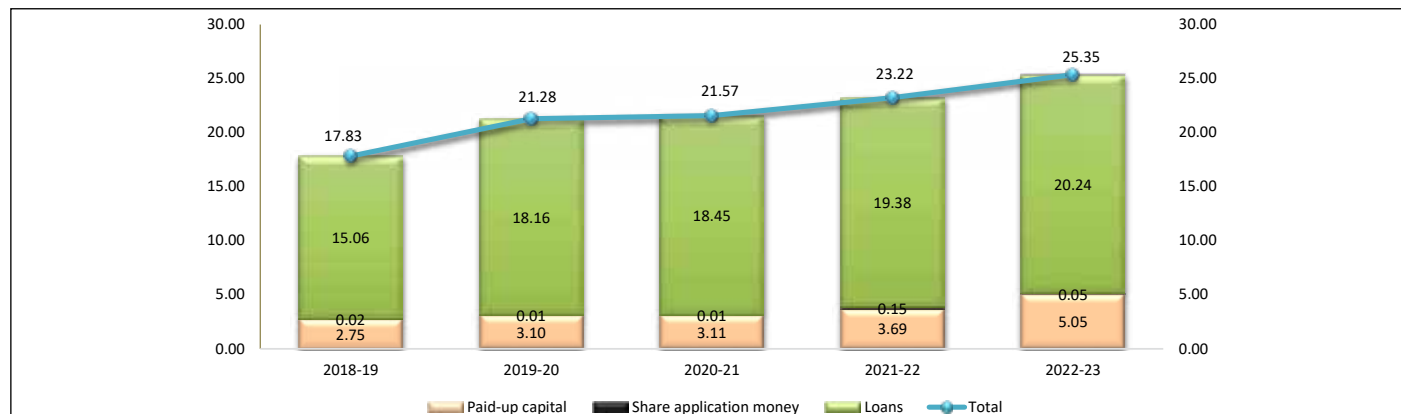
S. No.	CPSE	Net Loss (₹crore)	Share (%)
1	HINDUSTAN PETROLEUM CORPN. LTD.	8,974.03	31.13%
2	BHARAT SANCHAR NIGAM LTD.	8,161.56	28.31%
3	MAHANAGAR TELEPHONE NIGAM LTD.	2,910.74	10.10%
4	RASHTRIYA ISPAT NIGAM LTD.	2,858.74	9.92%
5	BHARAT PETRO RESOURCES LTD.	2,252.55	7.81%
6	ALLIANCE AIR AVIATION LTD.	566.57	1.97%
7	AIR INDIA ASSETS HOLDING LTD	563.40	1.95%
8	KONKAN LNG LIMITED	448.26	1.56%
9	I T I LTD.	360.10	1.25%
10	NATIONAL TEXTILE CORPN. LTD.	324.91	1.13%
Total (1-10)		27,420.86	95.12%
Other CPSEs (45 Nos.)		1,406.13	4.88%
Aggregate loss of loss-making CPSEs		28,826.99	100%

(Cont.)

2.3 Financial Investment

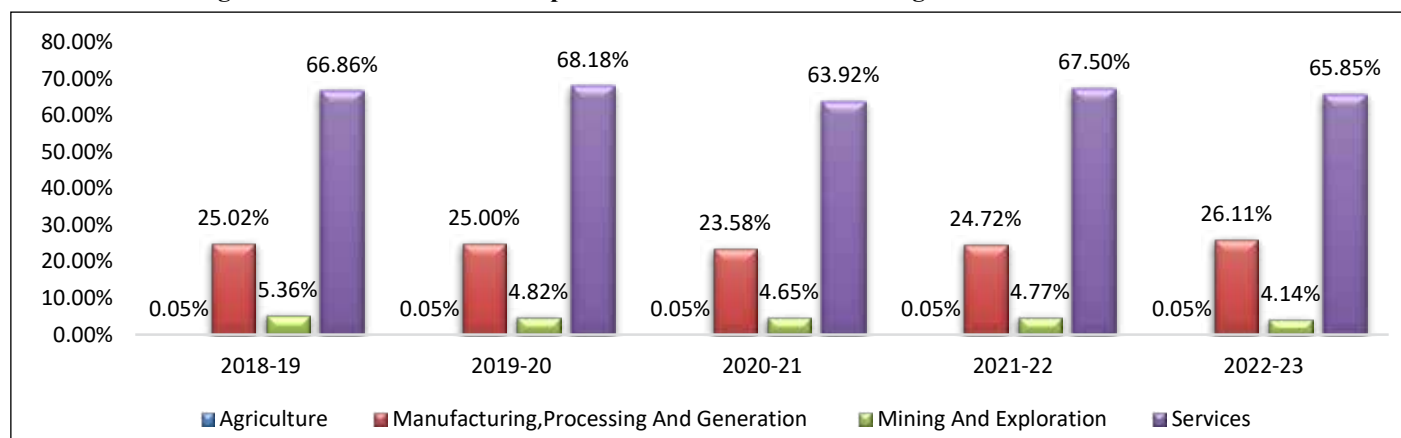
The Financial Investments in CPSEs increased from ₹17.83 lakh crore in FY 2018-19 to ₹25.35 lakh crore in FY 2022-23 (CAGR 9.19%) (**Figure 2.7**). Between FYs 2018-19 and 2022-23, the aggregate Financial Investments increased by ₹7.52 lakh crore, supported by an increase of ₹2.30 lakh crore in paid up capital and an increase of ₹5.18 lakh crore in long-term loans. Total long-term loans of CPSEs increased from ₹15.06 lakh crores in FY 2018-19 to ₹20.24 lakh crore in FY 2022-23.

Figure 2.7: Investments in CPSEs during FY 2018-19 to-2022-23 (₹ lakh cr.)



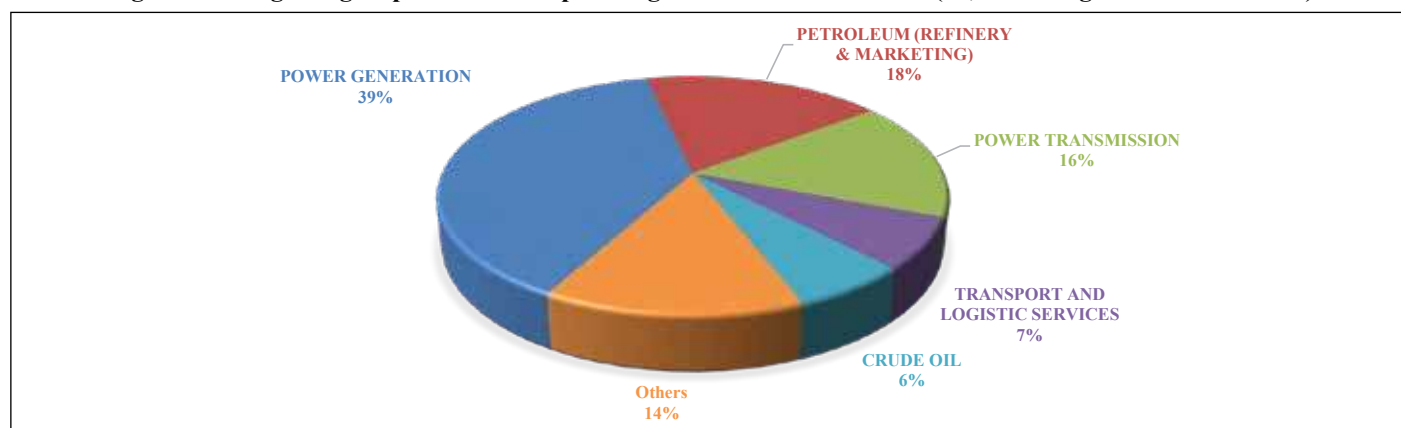
In FY 2022-23, Services sector has the highest share in Financial Investments accounting for 65.85% followed by Manufacturing, Processing and Generation (26.11%), Mining & Exploration (4.14%) and Agriculture (0.05%) as shown in **Figure 2.8**.

Figure 2.8: Sector-wise break-up of Financial Investment during FY 2018-19 to FY 2022-23



Among cognate groups, Financial Services accounted for 53.65% of the Financial Investments followed by Power Generation with 15.01%, and Petroleum (Refinery & Marketing) 6.19%.

Figure 2.9: Cognate group-wise break-up of long-term loans FY 2022-23 (% , excluding Financial Services)

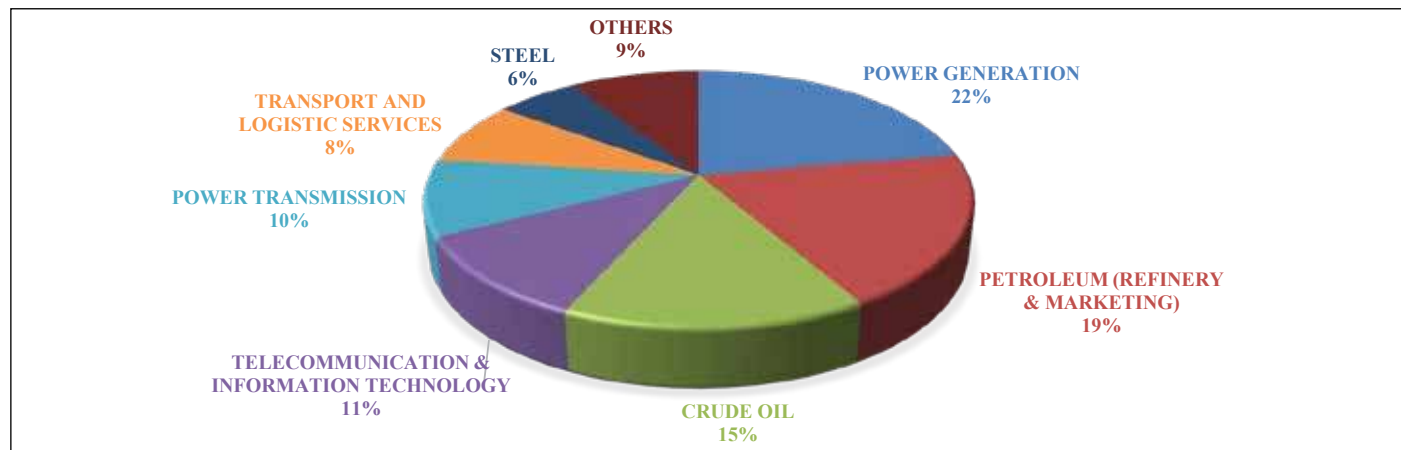


The **Figure 2.9** shows the breakup of long terms loans (Excluding Financial Services) which accounted for bulk of debt. As per the analysis, 39% of the debt is from Power Generation followed by Petroleum (Refinery & Marketing) (18%) and Power Transmission (16%).

2.4 Gross Block

Key capital-intensive cognate groups account for major share of the Gross Block; increase in the Gross Block of operating CPSEs was ₹2.15 lakh crore in FY 2022-23 over previous FY 2021-22.

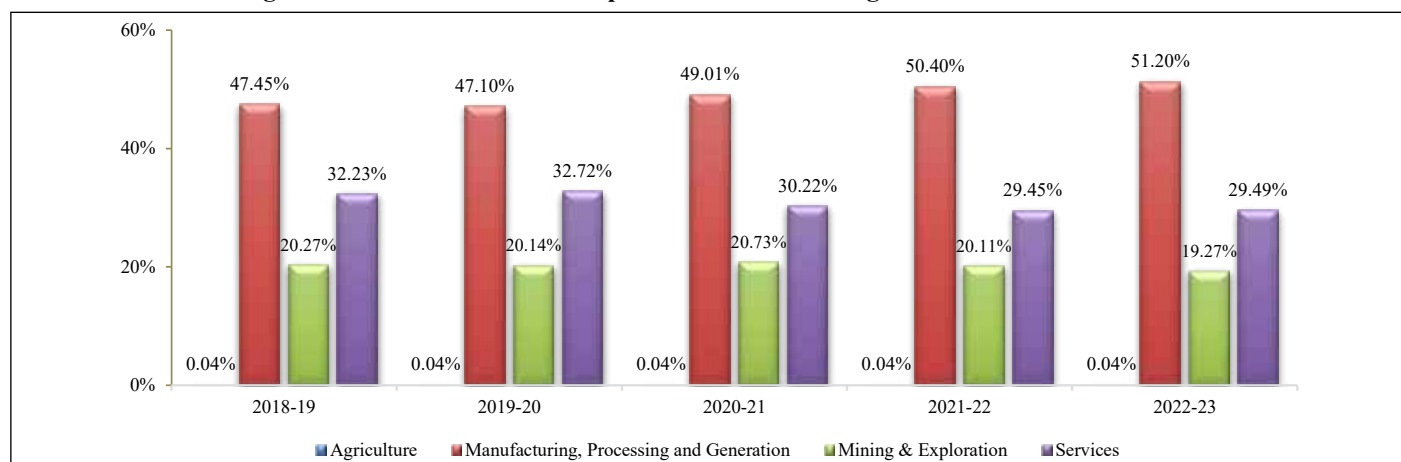
Figure 2.10: Cognate group-wise share in Gross Block as of end of FY 2022-23



Total Gross Block of assets of operating CPSEs stood at ₹29.35 lakh crore as of FY 2022-23. Power Generation, Petroleum (Refinery & Marketing) and Crude Oil cognate groups covered almost 57% of Gross Block of FY 2022-23 (**Figure 2.10**).

Total Gross Block increased by ₹2.15 lakh crore in FY 2022-22 over previous year. Comparison of Gross Block increase over the last two years indicate that bulk of the incremental Gross Block has been in Power Generation (22.29% of the overall increase), followed by Petroleum (Refinery & Marketing) cognate group (19.33%), and Crude Oil (15.13%). Among sectors, Manufacturing, Processing and Generation sector had the highest Gross Block at 51.20% of operating CPSEs as of FY 2022-23 followed by Services (29.49%), Mining & Exploration (19.27%), and Agriculture (0.04%) (**Figure 2.11**).

Figure 2.11: Sector-wise break-up of Gross Block during FY 2018-19 to FY 2022-23



2.5 Contribution to Central Exchequer

CPSEs Contribution to Central Exchequer remains an important source of development financing for the Government which stood at ₹4.58 lakh crore. CPSEs contribute to the Government income in the form of corporate taxes, dividends, other taxes, duties, etc. As seen in **Figure 2.12**, all CPSEs' Contribution to Central Exchequer grew from ₹3.79 lakh crore in FY 2019-20 to ₹4.58 lakh crore in FY 2022-23. The Petroleum (Refinery & Marketing) cognate group held the maximum share at 56% in the contribution of CPSEs to the central exchequer in FY 2022-23 (**Figure 2.13**). This is followed by Coal (11%), Crude Oil (9%), Power Generation (4%), Steel (4%) and other cognate groups (16%).

**Figure 2.12 : Contribution to Central Exchequer
(₹ lakh crore)**

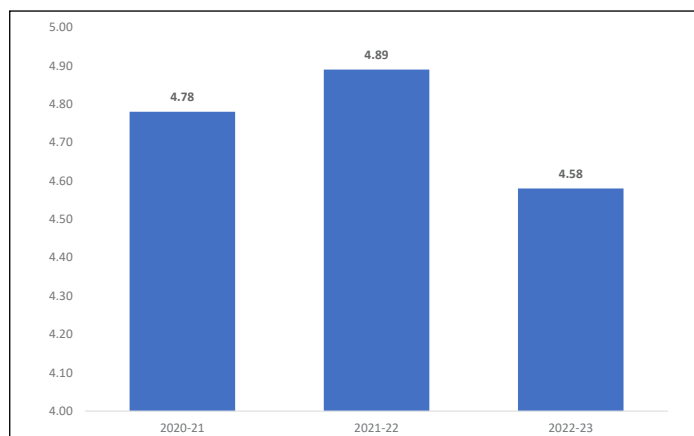
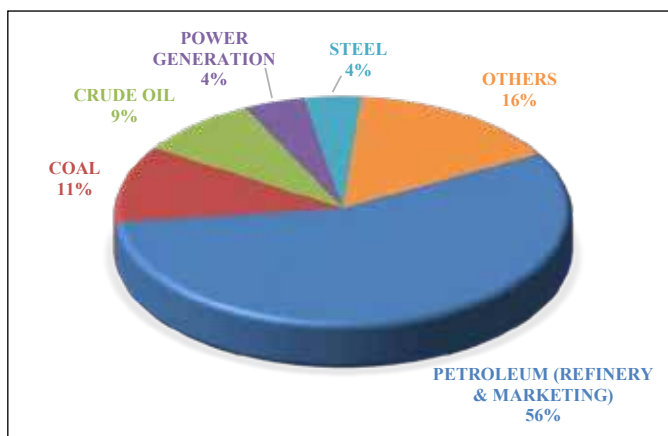


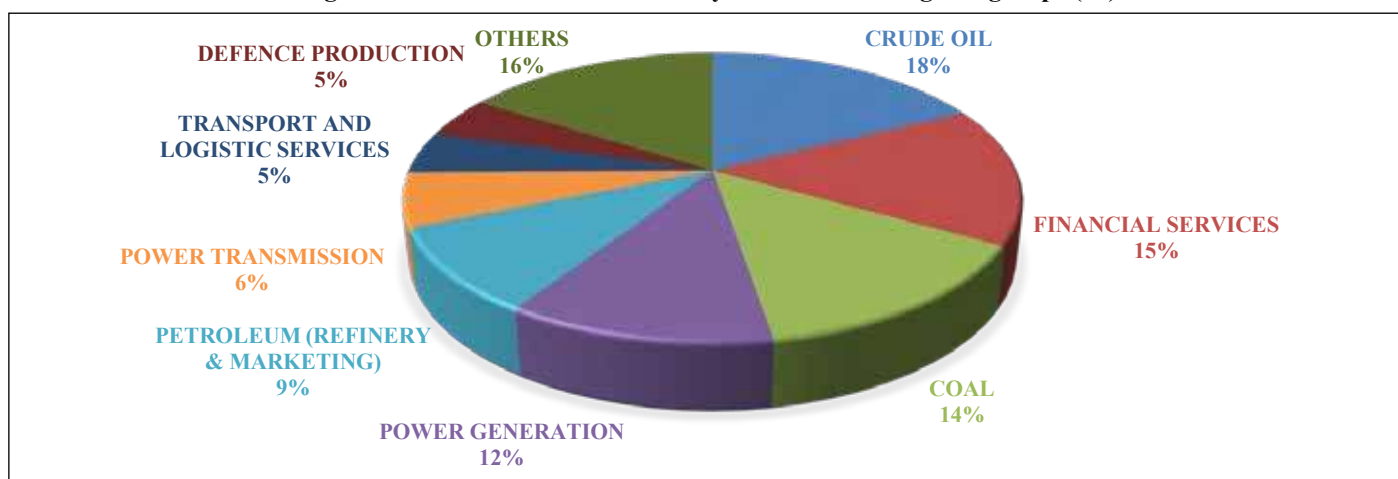
Figure 2.13 : Cognate Group wise contribution to Central Exchequer



2.6 Value Addition by CPSEs

Total Value Addition by all CPSEs stood at ₹7.52 lakh crore in FY 2022-23 as against ₹7.61 lakh crore in FY 2021-22.

Figure 2.14: Share of Value Added by CPSEs across cognate groups (%)



Among the cognate groups, the highest share in Value Addition was seen in Crude Oil at 18% followed by Financial Services at 15%, Coal at 14%, Power Generation at 12%, etc. The share of Value Addition across various cognate groups for the FY 2022-23 is provided in **Figure 2.14**. Top 8 Cognate contributed to 84% of the total Value Added.

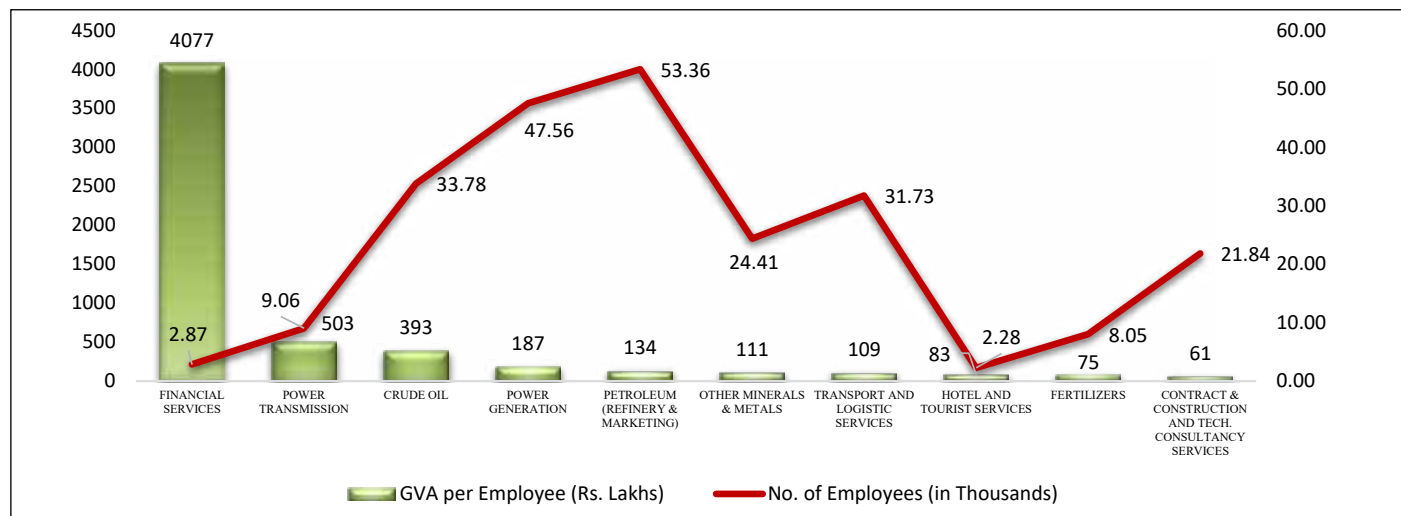
In terms of components of Value Addition generated by the CPSEs in FY 2022-23, the share of PBT was the highest at 36%. This was followed by Salary & Wages (22%), Interest (18%), Depreciation, Depletion and Amortization (15%), Rent, Royalty & Cess (9%) and Impairment (-0.10%) (**Table 2.5**)

Table 2.5: Components of Value Addition in CPSEs (₹Crore)

S.No.	Value Addition	2020-21	2021-22	2022-23
1	Profit before Tax (PBT)	2,14,395	3,09,322	2,70,946
2	Interest	1,39,291	1,24,077	1,38,795
3	Salaries & wages	1,44,655	1,54,508	1,65,735
4	Rent, royalty & cess	32,763	59,713	64,586
5	Depreciation, Depletion & Amortization	98,336	1,05,494	1,12,454
6	Impairment	7,150	7,588	(787)
Total		5,29,211	6,36,591	7,51,729

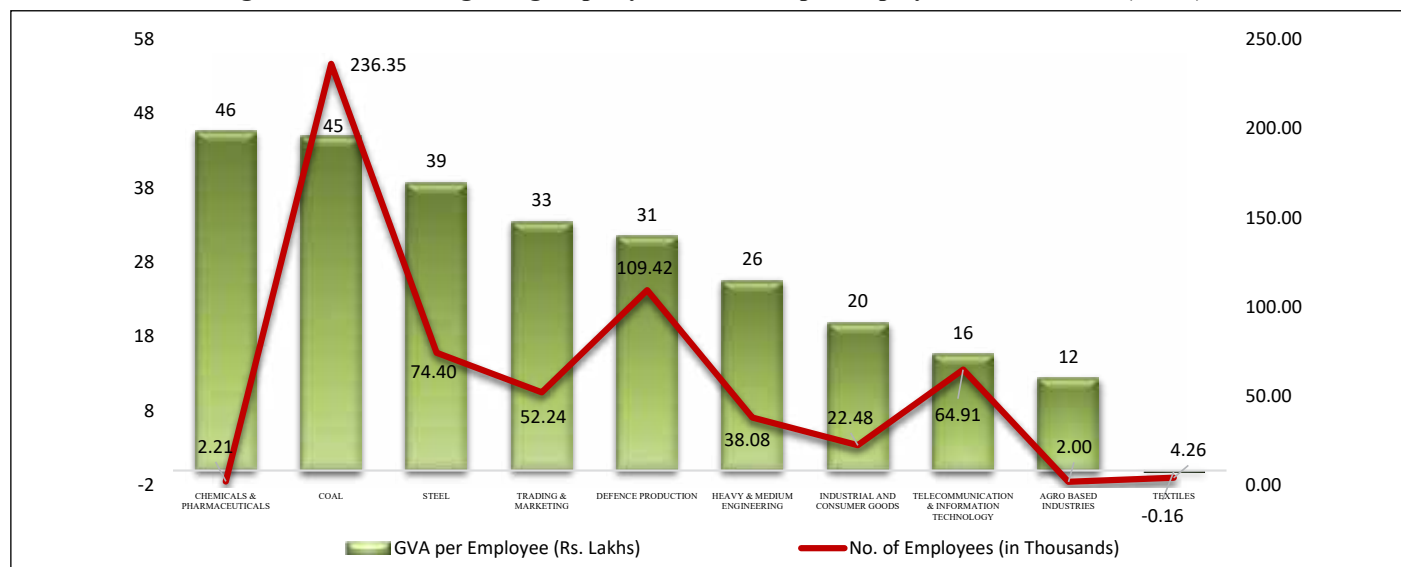
A review of the cognate groups across two parameters, Value Added vis-a-vis Value Added per employee, reflects the dominance of selected cognate groups. The top 10 cognate groups in terms of Value Added per employee are shown in **Figure 2.15** and Value Added per employee for other 10 cognate groups is shown in **Figure 2.16**.

Figure 2.15: Top 10 cognate groups by Value Added per Employee in FY 2022-23 (₹ lakh)



As seen in Figure 2.15, the Value Added per employee and the level of employment varies across cognate groups. 10 cognate groups contributed to 96% of the total Value Added per Employee. Financial Services added the maximum Value Added per employee followed by Power Transmission, Crude Oil, Power Generation, Petroleum (Refinery & Marketing), Other Minerals & Metals and Transport and Logistic Services. However, Hotel And Tourist Services, Fertilizers, Contract & Construction And Tech. Consultancy Services, Chemicals & Pharmaceuticals, Coal, Steel and Trading & Marketing lie in the middle range of Value Added per employee and the employment generated. On the far end of this spectrum, cognate groups like Defence Production, Heavy & Medium Engineering, etc. reflect a lower Value Added per employee (Figure 2.16).

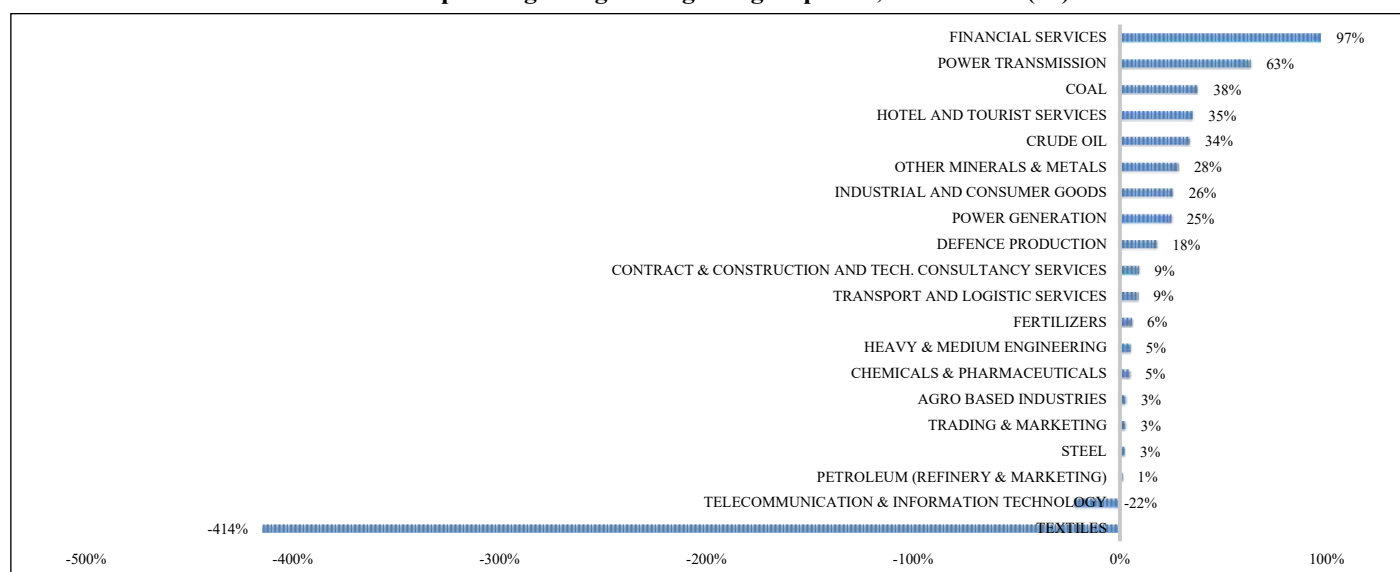
Figure 2.16: Other cognate groups by Value Added per employee in FY 2022-23 (₹lakh)



2.7 Operating Margin

The Operating Margin for the cognate groups ranged between -414% (Textiles) to 97% (Financial Services) in Financial Year 20 22-23 (**Figure 2.17**). The cognate groups having higher Operating Profit Margin are Financial Services, Power Transmission, Coal, Hotel and Tourist Services, Crude Oil, Other Minerals & Metals, etc. The cognate group of Textiles and Telecommunication & Information Technology have negative operating margins.

2.17: Operating Margin – cognate group-wise, FY 2022-23 (%)



2.8 Foreign Exchange Earnings

Foreign Exchange Earnings are monetary gain made by selling goods and services or by exchanging currencies in global markets. The CPSEs earn foreign exchange through export of goods, receipt of interest and dividends, royalty, know-how, professional & consultancy fees, etc. The total Foreign Exchange Earnings is ₹1,58,144.28 crores during FY 2022-23 as against ₹1,49,816.92 crores during FY 2021-22 showing a growth of 5.56 %. The details of Foreign Exchange Earnings by CPSEs are presented in the following table:

Table 2.6: Gross Foreign Exchange Earnings of select CPSEs (more than ₹1,000 Crore)

S. No.	CPSE	Gross Foreign Exchange Earnings (₹In Crore)			Change over the previous year (%)	
		2020-21	2021-22	2022-23	2021-22	2022-23
1	Mangalore Refinery & Petrochemicals Ltd.	8,662.63	31,012.27	45,535.23	258	46.83
2	GAIL (India) Ltd.	14,406.83	20,325.51	28,136.37	41.08	38.43
3	Indian Oil Corporation Ltd.	10,877.55	22,100.07	26,857.11	103.17	21.52
4	Bharat Petroleum Corpn. Ltd.	6,615.55	14,830.89	15,201.16	124.18	2.5
5	ONGC Videsh Ltd.	10,950.72	16,046.88	9,342.99	46.54	-41.78
6	Hindustan Petroleum Corpn. Ltd.	3,452.13	8,159.61	6,176.88	136.36	-24.3
7	Shipping Corporation Of India Ltd.	3,891.24	4,982.68	5,258.75	28.05	5.54
8	National Aluminium Company Ltd.	5,060.72	6,404.24	4,215.69	26.55	-34.17
9	Steel Authority Of India Ltd.	6,109.57	6,988.42	2,638.89	14.38	-62.24
10	Bharat Heavy Electricals Ltd.	1,742.67	2,476.83	1,584.57	42.13	-36.02
11	Kiocl Ltd.	1,846.06	2,928.97	1,361.43	58.66	-53.52
12	NTPC Vidyut Vyapar Nigam Ltd.	1,491.77	1,241.71	1,275.80	-16.76	2.75
13	Newspace India Ltd.	162.03	258.94	1,188.52	59.81	358.99
	Total	75269.47	137757.02	148773.39	83.02%	8.00%
	% Share w.r.t Grand Total	86.50%	91.95%	94.07%		
	Grand Total (Foreign Exchange Earnings of All CPSEs)	87,021.70	149,816.92	158,144.28	72.16%	5.56%

Table 2.6 above shows the data of 13 CPSEs with Gross Foreign Exchange Earnings of more than ₹1,000 crores during FY 2022-23. Gross Foreign Exchange Earnings of these 13 CPSEs stood at ₹1,48,773.39 crores and constituted 94.07% of Gross Foreign Exchange Earnings of all CPSEs.

The comparative analysis of these 13 CPSEs shows that in FY 2022-23, these CPSEs have contributed a growth in Foreign Exchange Earnings to the extent of 8% in comparison to 83.02% in FY 2021-22.

2.8.1 Sources of Foreign Exchange Earnings:

Exports of goods and merchandise and other income are the major sources of Foreign Exchange Earnings of CPSEs. The share of Export of Goods on FOB (Free On Board) basis decreased in FY 2022-23 to 92.70% as against FY 2021-22 to 93.24%. The share of Royalty, Know-how, Professional and Consultancy fees has gone up in FY 2022-23 as against FY 2021-22. The achievement of Foreign Exchange Earnings for the last three years is shown in **Table 2.7**.

Table 2.7: Foreign Exchange earnings for last three years

S. No.	CPSE	Gross Foreign Exchange Earnings (₹Crore)			Change over the previous year (%)	
		2020-21	2021-22	2022-23	2021-22	2022-23
(i)	Export of Goods on FOB basis	78,151.45 (89.81)	1,39,696.4 (93.24)	14,6597.33 (92.70)	78.75	4.94
(ii)	Royalty, Know-how, Professional and Consultancy fee	965.51 (1.11)	523.37 (0.35)	676.39 (0.43)	-45.79	29.24
(iii)	Interest and Dividend	1,137.14 (1.31)	1,627.95 (1.09)	1,582.43 (1.00)	43.16	-2.8
(iv)	Other Income	6,767.6 (7.78)	7,969.2 (5.32)	9,288.13 (5.87)	17.76	16.55
	Grand Total	87,021.7 (100)	1,49,816.92 (100)	1,58,144.28 (100)	72.16	5.56

Figures in brackets represent the % share w.r.t Grand Total

2.9 Foreign Exchange Expenditure

The total Foreign Exchange Expenditure is ₹11,45,712.25 crores during FY 2022-23 as against ₹7,62,847.63 crores during FY 2021-22 showing an increase of 50.19 %. **Table 2.8** shows a list of 25 CPSEs with Gross Foreign Exchange Expenditure of more than ₹1,000 Crore during FY 2022-23. Gross Foreign Exchange Expenditure of these 25 CPSEs stood at ₹11,32,586.51 Crores and constituted 98.85% of Gross Foreign Exchange Expenditure of all CPSEs.

Table 2.8: Gross Foreign Exchange Expenditure of select CPSEs (more than ₹1,000 Crore)

S. No.	CPSE	Gross Foreign Exchange Expenditures (₹Crore)			Change over the previous year (%)	
		2020-21	2021-22	2022-23	2021-22	2022-23
1	Bharat Electronics Ltd.	4,414.51	3,659.20	4,370.07	-17.11	19.43
2	Bharat Heavy Electricals Ltd.	1,598.29	1,886.12	1,529.79	18.01	-18.89
3	Bharat Petroleum Corpn. Ltd.	75,768.42	144,088.81	231,849.04	90.17	60.91
4	Chennai Petroleum Corporation Ltd.	15,424.48	31,908.01	53,388.39	106.87	67.32
5	Dedicated Freight Corridor Corp. of India Ltd.	1,216.52	1,544.14	1,470.50	26.93	-4.77
6	Fertilizers & Chemicals (Travancore) Ltd.	1,559.48	1,702.21	1,702.21	9.15	0.00
7	GAIL (India) Ltd.	27,238.20	46,842.74	69,228.61	71.97	47.79
8	Hindustan Aeronautics Ltd.	7,315.30	6,655.29	6,523.77	-9.02	-1.98
9	Hindustan Petroleum Corpn. Ltd.	30,693.52	40,773.50	89,167.43	32.84	118.69

(Cont.)

S. No.	CPSE	Gross Foreign Exchange Expenditures (₹Crore)			Change over the previous year (%)	
		2020-21	2021-22	2022-23	2021-22	2022-23
10	Indian Oil Corporation Ltd.	172,717.83	316,301.89	459,275.06	83.13	45.20
11	Indian Railway Finance Corporation Ltd.	1,050.09	1,362.77	2,079.75	29.78	52.61
12	Mangalore Refinery & Petrochemicals Ltd.	25,933.64	48,459.95	82,290.88	86.86	69.81
13	National Fertilizers Ltd.	1,744.14	4,096.80	10,237.39	134.89	149.89
14	NTPC Ltd.	2,880.33	2,981.00	2,150.32	3.50	-27.87
15	Nuclear Power Corpn. of India Ltd.	4,216.36	10,880.75	8,497.82	158.06	-21.90
16	Oil & Natural Gas Corporation Ltd.	23,655.80	18,122.84	21,360.67	-23.39	17.87
17	Oil India Ltd.	1,295.76	1,434.31	1,457.63	10.69	1.63
18	ONGC Videsh Ltd.	6,520.46	11,248.13	7,068.65	72.51	-37.16
19	Power Finance Corporation Ltd.	1,739.25	1,824.19	2,136.41	4.88	17.12
20	Power Grid Corporation of India Ltd.	1,529.27	877.22	1,390.00	-42.64	58.46
21	Rashtriya Chemicals And Fertilizers Ltd.	1,065.58	3,047.10	4,024.13	185.96	32.06
22	Rashtriya Ispat Nigam Ltd.	4,157.78	9,507.12	11,287.68	128.66	18.73
23	REC Ltd.	1,639.60	2,094.97	3,197.10	27.77	52.61
24	Shipping Corporation of India Ltd.	2,810.35	4,048.50	4,948.45	44.06	22.23
25	Steel Authority of India Ltd.	16,670.85	30,265.82	51,954.76	81.55	71.66
	Total	434,855.81	745,613.38	1,132,586.51	71.46%	51.90%
	% Share w.r.t Grand Total	93.70%	97.74%	98.85%		
	Grand Total (Foreign exchange Expenditure of All CPSEs)	464,075.15	762,847.63	1,145,712.25	64.38%	50.19%

As per **Table 2.8**, out of 25 CPSEs, 6 CPSEs have shown reduction in their Gross Foreign Exchange Expenditure during FY 2022-23 as compared to FY 2021-22. The Foreign Exchange Expenditure under different heads of import of goods (raw material/plants & machinery), consultancy fees and other payments is shown in **Table 2.9**.

Table 2.9: Items of Foreign Exchange Expenditure of all CPSEs during last 3 years

S. No.	CPSE	Foreign Exchange Expenditures (₹Crore)			Change over the previous year (%)	
		2020-21	2021-22	2022-23	2021-22	2022-23
(a)	Imports (CIF Basis)					
(i)	Raw materials/Crude oil	3,44,530.66	6,02,990.60	9,81,693.26	75.02	62.80
(ii)	Stores, Spares & Components	11,974.84	17,918.78	16,804.90	49.64	-6.22
(iii)	Capital Goods	7,282.84	11,822.17	5,667.92	62.33	-52.06
	Sub Total (a)	3,63,788.34 (78.39)	6,32,731.55 (82.94)	10,04,166.08 (87.65)	73.93	58.70
(b)	Expenditure on account of :					
(i)	Royalty and Consultancy fee	27,827.17	5,784.60	5,741.75	-79.21	-0.74
(ii)	Interest payment	12,774.67	11,832.22	16,626.42	-7.38	40.52
(iii)	Others	59,684.97	1,12,499.26	1,19,177.92	88.49	5.94
(iv)	Dividend remitted in Foreign Currency	0	0	0.08	NA	NA

(Cont.)

S. No.	CPSE	Foreign Exchange Expenditures (₹Crore)			Change over the previous year (%)	
		2020-21	2021-22	2022-23	2021-22	2022-23
	Sub Total (b)	1,00,286.81 (21.61)	1,30,116.08 (17.06)	1,41,546.17 (12.35)	29.74	8.78
	Grand Total (a + b)	4,64,075.15 (100)	7,62,847.63 (100)	11,45,712.25 (100)	64.38	50.19

* CIF means Cost, Insurance and Freight. Figures in brackets represent the % share w.r.t Grand Total

Raw materials/crude oil expenses contributed highest in total Gross Foreign Exchange Expenditures during FY 2021-22 to FY 2022-23.

2.10 Market Capitalization of Listed CPSEs

As of March 31, 2023, 63 CPSEs were listed and traded on the stock exchanges of India. The total Market Capitalization (M-cap) of listed CPSEs on the Bombay Stock Exchange witnessed a year-on-year growth of 7.95% ~ ₹16.69 lakh crore as of March 31, 2023 from ₹15.46 lakh crore as of March 31, 2022. (Table 2.10).

Table 2.10: Growth in M-Cap of listed and traded CPSEs

S.No	Company	March 31, 2022 Price (₹)	March 31, 2022 M-Cap (₹crore)	March 31, 2023 Price (₹)	March 31, 2023 M-Cap (₹crore)	% increase/ decrease in M-Cap
1	Andrew Yule & Company Ltd.	20.20	987.68	20.05	980.35	-1%
2	Balmer Lawrie & Co. Ltd.	112.75	1,928.07	112.35	1,921.23	-0.35%
3	Balmer Lawrie Investments Ltd.	369.40	819.97	355.65	789.45	-4%
4	Beml Ltd.	1,817.15	7,567.43	1,247.30	5,194.32	-31%
5	Bharat Dynamics Ltd.	546.60	10,018.15	955.10	17,505.19	75%
6	Bharat Electronics Ltd.	210.85	51,375.56	91.49	66,877.17	30%
7	Bharat Heavy Electricals Ltd.	49.35	17,183.98	70.22	24,451.05	42%
8	Bharat Immunologicals & Biologicals Corp. Ltd	28.10	121.34	21.19	91.50	-25%
9	Bharat Petroleum Corpn. Ltd.	359.20	77,919.56	339.90	73,732.90	-5%
10	Chennai Petroleum Corporation Ltd.	127.70	1,901.60	236.85	3,526.97	85%
11	Coal India Ltd.	183.00	1,12,777.93	212.85	1,31,173.67	16%
12	Cochin Shipyard Ltd.	293.95	3,866.63	459.30	6,041.65	56%
13	Container Corporation Of India Ltd.	672.40	40,968.95	569.80	34,717.59	-15%
14	Engineers India Ltd.	64.00	3,597.07	71.82	4,036.59	12%
15	Fertilizers & Chemicals (Travancore) Ltd.	131.05	8,479.88	206.90	13,387.92	58%
16	GAIL (India) Ltd.	155.70	69,136.80	105.45	69,334.43	0.29%
17	Garden Reach Shipbuilders & Engineers Ltd.	226.35	2,592.88	431.75	4,945.78	91%
18	Hemisphere Properties India Ltd.	114.35	3,258.98	81.34	2,318.19	-29%
19	Hindustan Aeronautics Ltd.	1,487.10	49,726.77	2,704.20	90,425.07	82%
20	Hindustan Copper Ltd.	113.65	10,990.23	96.50	9,331.78	-15%
21	Hindustan Fluorocarbons Limited	9.57	18.76	8.68	17.01	-9%

(Cont.)

S.No	Company	March 31, 2022 Price (₹)	March 31, 2022 M-Cap (₹crore)	March 31, 2023 Price (₹)	March 31, 2023 M-Cap (₹crore)	% increase/ decrease in M-Cap
22	Hindustan Organic Chemicals Ltd.	27.95	187.75	21.68	145.63	-22%
23	Hindustan Petroleum Corpn. Ltd.	269.35	38,208.60	233.95	33,186.94	-13%
24	HMT Ltd.	25.95	1,221.39	23.99	1,129.14	-8%
25	Housing & Urban Dev. Corpn. Ltd.	32.70	6,546.21	43.37	8,682.24	33%
26	ITI Ltd.	96.70	9,027.17	90.13	8,558.54	-23%
27	India Tourism Dev. Corpn Ltd.	379.05	3,251.09	290.90	2,495.03	-3%
28	Indian Oil Corporation Ltd.	118.95	1,11,981.42	76.89	1,08,578.20	-27%
29	Indian Railway Catering And Tourism Corpn. Ltd.	774.60	61,968.00	564.45	45,156.00	23%
30	Indian Railway Finance Corporation Ltd.	21.45	28,031.95	26.34	34,422.44	35%
31	Ircon International Ltd.	39.75	3,738.55	53.50	5,031.76	-5%
32	Kiocl Ltd.	208.20	12,653.38	170.50	10,362.16	-18%
33	M M T C Ltd.	44.15	6,622.50	28.02	4,203.00	-37%
34	M S T C Ltd.	306.30	2,156.35	246.20	1,733.25	-20%
35	Madras Fertilizers Ltd.	49.55	798.26	57.92	933.10	17%
36	Mahanagar Telephone Nigam Ltd.	22.55	1,420.65	18.49	1,164.87	-18%
37	Mangalore Refinery & Petrochemicals Ltd.	41.50	7,273.28	51.08	8,952.27	23%
38	Mazagon Dock Shipbuilders Ltd.	239.60	4,832.49	653.15	13,173.38	173%
39	Mishra Dhatu Nigam Ltd.	165.40	3,098.60	182.40	3,417.08	10%
40	Moil Ltd.	184.45	3,753.28	141.20	2,873.21	-23%
41	National Aluminium Company Ltd.	121.75	22,360.99	77.11	14,162.27	-37%
42	National Fertilizers Ltd.	53.05	2,602.52	72.16	3,540.01	36%
43	NBCC (India) Ltd.	36.30	6,534.00	34.84	6,271.20	-4%
44	NHPC Ltd.	27.80	27,925.20	41.73	41,917.93	50%
45	NLC India Ltd.	62.55	8,673.41	75.66	10,491.29	21%
46	NMDC Ltd.	162.50	47,622.35	110.15	32,280.62	-32%
47	NTPC Ltd.	134.95	1,30,856.51	174.05	1,68,770.47	29%
48	Oil & Natural Gas Corporation Ltd.	163.90	2,06,190.78	149.40	1,87,949.37	-9%
49	Oil India Ltd.	238.25	25,835.95	262.45	28,460.21	10%
50	Orissa Mineral Development Company Ltd.	2,849.65	1,709.79	2,367.90	1,420.74	-17%
51	Power Finance Corporation Ltd.	112.45	29,687.72	151.10	39,891.64	34%
52	Power Grid Corporation Of India Ltd.	216.85	1,51,262.70	222.45	1,55,168.95	3%
53	Rail Vikas Nigam Ltd.	32.70	6,818.02	67.07	13,984.23	105%
54	Railtel Corporation India Ltd.	84.10	2,699.09	99.70	3,199.76	19%

(Cont.)

S.No	Company	March 31, 2022 Price (₹)	March 31, 2022 M-Cap (₹crore)	March 31, 2023 Price (₹)	March 31, 2023 M-Cap (₹crore)	% increase/ decrease in M-Cap
55	Rashtriya Chemicals And Fertilizers Ltd.	89.60	4,943.13	95.74	5,281.86	7%
56	REC Ltd.	123.00	24,291.49	115.70	30,466.40	25%
57	Rites Ltd.	262.80	6,315.13	349.00	8,386.54	33%
58	Scooters India Ltd.	31.45	135.21	26.67	114.66	-15%
59	Shipping Corporation of India Ltd.	115.15	5,363.68	120.55	5,615.21	5%
60	SJVN Ltd.	27.45	10,787.29	32.68	12,842.57	19%
61	State Trading Corpn. of India Ltd.	97.10	582.60	66.41	398.46	-32%
62	Steel Authority of India Ltd.	98.55	40,702.06	82.59	34,110.43	-16%
63	NMDC Steel Ltd. (Listed on 20.02.2023)	-	-	31.06	9,102.46	-
	Total M-Cap		15,45,908.73		16,68,825.34	7.95%

Source: BSE, CPSEs listed and traded during FY 2022-23

(Cont.)

Sectoral Analysis



3

Chapter- 3

Sectoral Analysis

In the previous chapter, the overall performance of CPSEs in terms of Gross Turnover, Overall Net Profit, Value Addition, Central Exchequer, Gross Block and Financial Investments were discussed. This chapter provides sector-wise overview of the financial performance of CPSEs. In order to do so, the operating CPSEs are broadly classified based on their area of work into four Sectors and 21 cognate groups as shown below in **Table 3.1**.

Table 3.1 Cognate groups & total number of Operating CPSEs

Sector	Number & Names of cognate groups		Total No. of Operating CPSEs
Agriculture	1	Agro Based Industries	2
Mining & Exploration	3	Coal, Crude Oil, Other Minerals & Metals	23
Manufacturing, Processing & Generation	9	Chemicals & Pharmaceuticals, Defence Production, Fertilizers, Heavy & Medium Engineering, Industrial And Consumer Goods, Petroleum (Refinery & Marketing), Power Generation, Steel, Textiles	85
Services	7	Contract & Construction And Tech. Consultancy Services, Financial Services, Hotel And Tourist Services, Power Transmission, Telecommunication & Information Technology, Trading & Marketing, Transport And Logistic Services	144
		TOTAL OPERATING CPSEs	254

A brief overview in terms of Gross Turnover, Net Profit, Gross Block, Value Addition, Foreign Exchange Earnings, Financial Investments, Capital Employed, Net Worth, Contribution to Central Exchequer and Dividend Declared for each Sector is discussed as under.

3.1 Agriculture

Agriculture Sector has one cognate group namely Agro Based Industries which comprises two Operating CPSEs namely National Seeds Corp. Ltd. and HPCL Biofuels Ltd. The CPSEs under this sector are mainly engaged in the production and sale of certified seeds and manufacturing of ethanol for blending with petrol. The summary of the performance of the sector is given in **Table 3.2**.

Table 3.2 Performance of Agriculture Sector (₹ crore)

AGRICULTURE	2021-22	2022-23	Growth Rate (%)
Gross Turnover	1,106	1,376	24%
Net Profit/Loss	-56	12	121%
Gross Block	1,053	1,081	3%
Value Addition	180	248	38%
Foreign Exchange Earnings	0	0	0%
Financial Investment	1,147	1,272	11%
Capital Employed	978	1,106	13%
Net Worth	875	1,106	26%
Contribution to Central Exchequer	10	12	20%
Dividend declared	1	3	200%

The Net Loss declined by 121% mainly due to increase in profit of National Seed Corporation Ltd by 395% during FY 2022-23 over FY 2021-22.

3.2 Mining & Exploration

The Mining & Exploration Sector comprises 3 cognate groups with 23 Operating CPSEs. The CPSEs under this Sector are engaged in the production and sale of different types of coal such as coking coal, non-coking coal and lignite, the extraction and exploration of crude oil and the recovering, refining and extraction of basic raw materials such as aluminum, copper, iron, rare earth chemicals, lead, manganese, etc. The brief summary of performance of the Sector is given below in **Table 3.3**

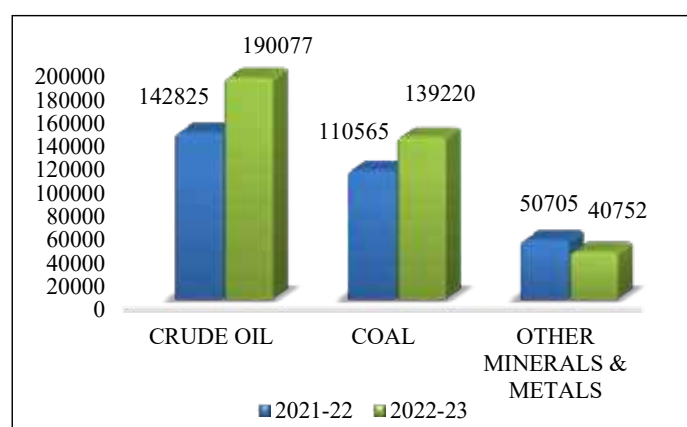
Table 3.3 Performance of Mining and Exploration Sector (₹ crore)

MINING AND EXPLORATION	2021-22	2022-23	Growth Rate (%)
Gross Turnover	3,04,096	3,70,048	22%
Net Profit	88,034	95,640	9%
Gross Block	5,46,859	5,65,663	3%
Value Addition	2,35,605	2,66,435	13%
Foreign Exchange Earnings	27,180	16,624	-39%
Financial Investment	1,09,116	1,04,887	-4%
Capital Employed	4,77,497	5,21,239	9%
Net Worth	3,90,198	4,36,959	12%
Contribution to Central Exchequer	77,659	98,524	27%
Dividend declared	40,158	51,567	28%

As per **Table 3.3** above, all the parameters in this sector have shown a progressive trend in FY 2022-23 except for Foreign Exchange earnings and Financial Investment. Further analysis of these parameters is as follows:

3.2.1 Gross Turnover

Figure 3.1: Gross Turnover by cognate groups in Mining and Exploration (₹ crore)



In FY 2022-23, the total Gross Turnover in this Sector increased by around 22%. The Gross Turnover of the three cognate groups of Mining and Exploration Sector is given in **Figure 3.1**. At cognate group level, Crude Oil and Coal have shown an increase of 33%, and 26% respectively. However, Other Minerals & Metals has shown a decrease of 20%. The list of top 10 CPSEs in terms of Gross Turnover in FY 2022-23 in this sector is shown in **Table 3.4**.

Table 3.4 Top 10 CPSEs in Mining and Exploration Sector by Gross Turnover in FY 2022-23

S. No	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	1,10,345	1,55,517	41%
2	Mahanadi Coalfields Ltd.	Coal	21,814	31,077	42%
3	Northern Coalfields Ltd.	Coal	18,986	23,328	23%
4	Oil India Ltd.	Crude Oil	14,530	23,273	60%
5	South Eastern Coalfields Ltd.	Coal	20,476	22,985	12%
6	NMDC Ltd.	Other Minerals & Metals	25,965	17,667	-32%
7	Central Coalfields Ltd.	Coal	13,486	16,379	21%
8	Eastern Coalfields Ltd.	Coal	10,751	15,254	42%
9	Western Coalfields Ltd.	Coal	13,792	14,965	9%
10	National Aluminium Company Ltd.	Other Minerals & Metals	14,215	14,255	0%
	Others (13 CPSEs)		39,735	35,349	-11%
	Grand Total		3,04,096	3,70,048	22%

3.2.2 Overall Net Profit

The overall Net Profit in this Sector has increased by around 9%. The Net Profit of various cognate groups of Mining and Exploration Sector is given in **Figure 3.2**. At cognate group level, Coal has reported highest increase in profit in this Sector (52%) however, Other Minerals and Metals and Crude Oil which shows decrease of 42% and 1% respectively. The list of top 10 CPSEs in terms of Overall Net Profit in FY 2022-23 of the Sector is shown in **Table 3.5**.

Figure 3.2: Net Profit of various cognate groups in Mining and Exploration Sector in FY 2021-22 & FY 2022-23 (₹ crore)

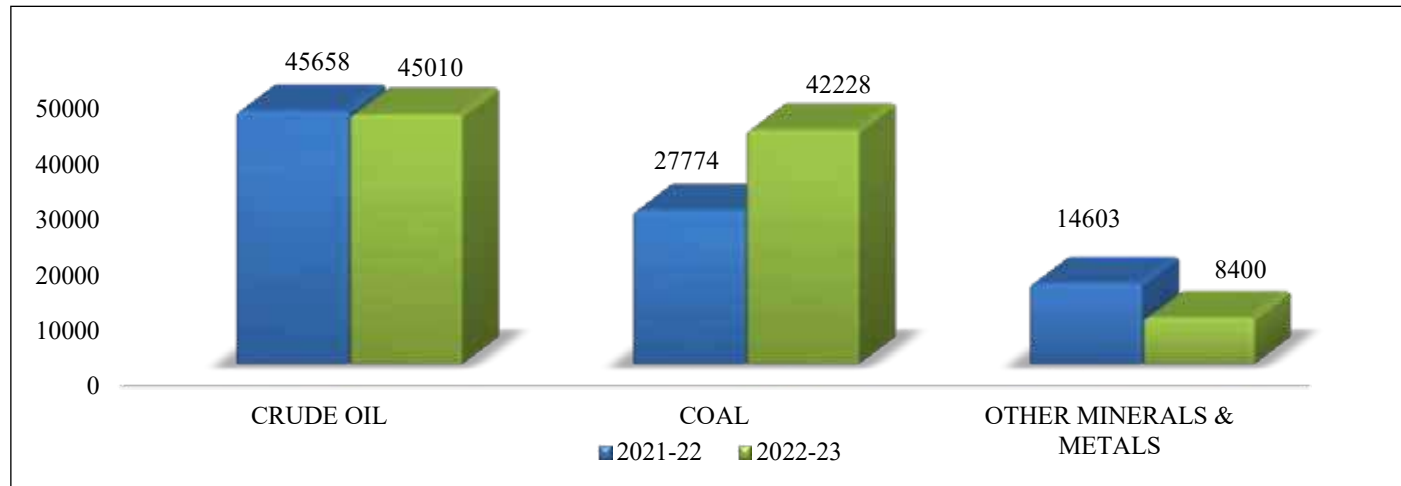
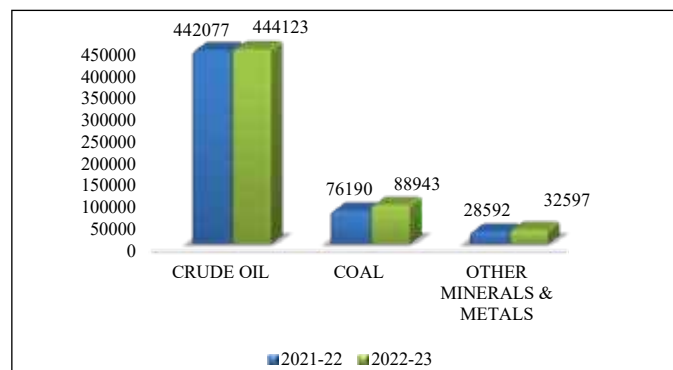


Table 3.5 Top 10 CPSEs in Mining and Exploration Sector by Net Profit in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	40,306	38,829	-4%
2	Coal India Ltd.	Coal	11,202	14,802	32%
3	Mahanadi Coalfields Ltd.	Coal	8,480	13,475	59%
4	Northern Coalfields Ltd.	Coal	4,857	6,974	44%
5	Oil India Ltd.	Crude Oil	3,887	6,810	75%
6	NMDC Ltd.	Other Minerals & Metals	9,448	5,529	-41%
7	Central Coalfields Ltd.	Coal	1,697	2,752	62%
8	South Eastern Coalfields Ltd.	Coal	1,545	2,498	62%
9	ONGC Videsh Ltd.	Crude Oil	1,494	1,660	11%
10	National Aluminium Company Ltd.	Other Minerals & Metals	2,952	1,544	-48%
	Others (13 CPSEs)		2,167	765	-65%
	Grand Total		88,034	95,640	9%

3.2.3 Gross Block

Figure 3.3: Gross Block of various cognate groups in Mining and Exploration Sector (₹ crore)



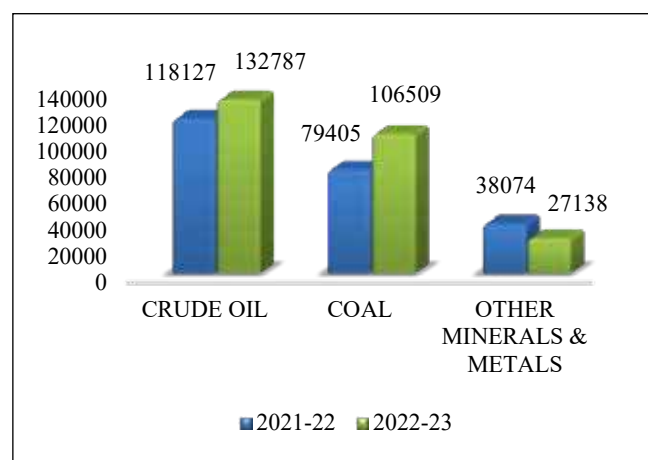
The total Gross Block in this Sector has increased by around 3%. The Gross Block of the three cognate groups of Mining and Exploration Sector is given in Figure 3.3. All three cognate groups—Coal, Other Minerals & Metals and Crude Oil have shown an increase in Gross Block, by 17%, 14% and 0.46% respectively. The list of top 10 CPSEs in terms of Gross Block in FY 2022-23 of the Sector is shown in **Table 3.6**.

Table 3.6 - Top 10 CPSEs in Mining and Exploration Sector by Gross Block in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	2,88,621	3,19,449	11%
2	ONGC Videsh Ltd.	Crude Oil	1,27,664	95,452	-25%
3	Oil India Ltd.	Crude Oil	25,447	28,848	13%
4	South Eastern Coalfields Ltd.	Coal	16,752	20,118	20%
5	Mahanadi Coalfields Ltd.	Coal	16,150	19,279	19%
6	National Aluminium Company Ltd.	Other Minerals & Metals	13,283	14,961	13%
7	Northern Coalfields Ltd.	Coal	10,921	13,319	22%
8	Central Coalfields Ltd.	Coal	10,109	11,497	14%
9	Eastern Coalfields Ltd.	Coal	8,281	9,337	13%
10	Western Coalfields Ltd.	Coal	7,775	8,464	9%
	Others (13 CPSEs)		21,856	24,939	14%
	Grand Total		5,46,859	5,65,663	3%

3.2.4 Value Addition

Figure 3.4: Value Addition by cognate groups in Mining and Exploration Sector (₹ crore)



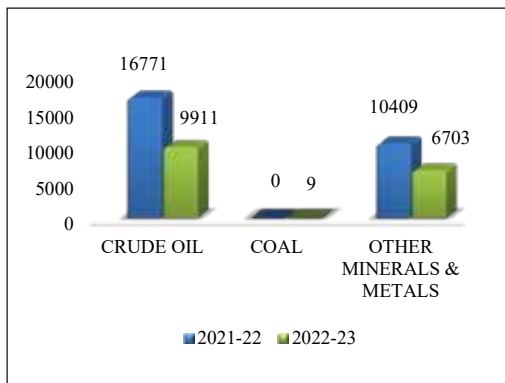
The overall Value Addition in this Sector has increased by around 13% in FY 2022-23. The Value Addition by cognate groups of Mining and Exploration Sector is given in Figure 3.4. At cognate group level, whereas Coal and Crude Oil has shown a growth of 34% and 12% respectively. However, Other Minerals & Metals have reported decrease in value addition by 29%. The list of top 10 CPSEs in terms of Value Addition in FY 2022-23 of the Sector is shown in Table 3.7.

Table 3.7 Top 10 CPSEs in Mining and Exploration Sector by Value Addition in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	91,565	1,06,812	17%
2	Mahanadi Coalfields Ltd.	Coal	15,846	24,035	52%
3	Oil India Ltd.	Crude Oil	13,764	19,334	40%
4	NMDC Ltd.	Other Minerals & Metals	24,670	17,300	-30%
5	Coal India Ltd.	Coal	11,843	15,587	32%
6	Northern Coalfields Ltd.	Coal	10,443	13,442	29%
7	South Eastern Coalfields Ltd.	Coal	10,994	13,364	22%
8	Central Coalfields Ltd.	Coal	8,452	11,818	40%
9	Eastern Coalfields Ltd.	Coal	7,248	11,400	57%
10	ONGC Videsh Ltd.	Crude Oil	12,625	8,838	-30%
	Others (13 CPSEs)		28,156	24,504	-13%
	Grand Total		2,35,605	2,66,435	13%

3.2.5 Foreign Exchange Earnings

Figure 3.5: Foreign Exchange Earnings in 2021-22 & 2022-23 (₹ crore)



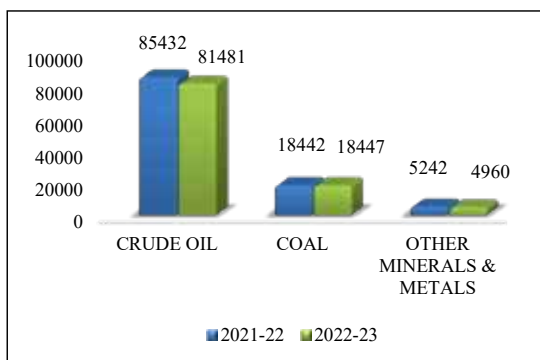
The total Foreign Exchange Earnings in this Sector has decreased by around 39%. The change in Foreign Exchange Earnings in various cognate groups of Mining and Exploration can be inferred from **Figure 3.5**. The Foreign Exchange Earnings in Crude Oil and Other Minerals & Metals have decreased by 41% and 36% respectively. The Coal cognate group has reported increase in Foreign Exchange Earnings from NIL in FY 2021-22 to ₹ 9 crore in FY 2022-23. List of nine CPSEs in terms of Foreign Exchange Earnings in FY 2022-23 of the Sector is shown in **Table 3.8**. 14 CPSEs have reported Nil Foreign Exchange Earnings in FY 2022-23.

Table 3.8: Top 9 CPSEs in Mining and Exploration sector by Foreign Exchange Earnings in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	ONGC Videsh Ltd.	Crude Oil	16,047	9,343	-42%
2	National Aluminium Company Ltd.	Other Minerals & Metals	6,404	4,216	-34%
3	KIOCL Ltd.	Other Minerals & Metals	2,929	1,361	-54%
4	IREL (India) Ltd.	Other Minerals & Metals	724	833	15%
5	Oil & Natural Gas Corporation Ltd.	Crude Oil	191	471	147%
6	Hindustan Copper Ltd.	Other Minerals & Metals	352	293	-17%
7	Oil India Ltd.	Crude Oil	509	77	-85%
8	Bharat Petro Resources Ltd.	Crude Oil	24	20	-15%
9	Eastern Coalfields Ltd.	Coal	0	9	-
	Others (14 CPSEs)		-	-	-
	Grand Total		27,180	16,624	-39%

3.2.6 Financial Investment

Figure 3.6: Financial Investments in cognate groups in Mining and Exploration sector (₹ crore)



The total Financial Investment in this Sector has decreased by around 4%. The change in Financial Investment in various cognate groups of Mining and Exploration can be inferred from **Figure 3.6**. Crude Oil and Other Minerals & Metals both have shown an decrease in financial investments by 5%. Other Minerals & Metals have reported increase in Financial Investment by 0.30%. The list of top 10 CPSEs in terms of Financial Investments from Mining and Exploration sector in FY 2022-23 is shown in **Table 3.9**.

Table 3.9: Top 10 CPSEs in Mining and Exploration sector by Financial Investments in FY 2022-23

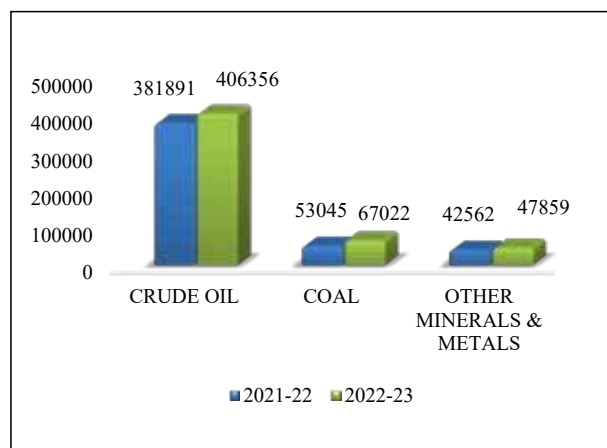
S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	ONGC Videsh Ltd.	Crude Oil	50,315	48,820	-3%
2	Oil India Ltd.	Crude Oil	12,720	12,246	-4%
3	Oil & Natural Gas Corporation Ltd.	Crude Oil	12,687	10,240	-19%

(Cont.)

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
4	Bharat Petro Resources Ltd.	Crude Oil	9,465	9,930	5%
5	Coal India Ltd.	Coal	6,163	6,163	0%
6	Bharat Coking Coal Ltd.	Coal	4,657	4,657	0%
7	Eastern Coalfields Ltd.	Coal	4,420	4,425	0%
8	Uranium Corporation Of India Ltd.	Other Minerals & Metals	2,095	2,095	0%
9	Central Coalfields Ltd.	Coal	940	940	0%
10	National Aluminium Company Ltd.	Other Minerals & Metals	918	918	0%
	Others (13 CPSEs)		4,736	4,454	-6%
	Grand Total		1,09,116	1,04,887	-4%

3.2.7 Capital Employed

Figure 3.7: Capital Employed by cognate groups in Mining and Exploration sector (₹ crore)



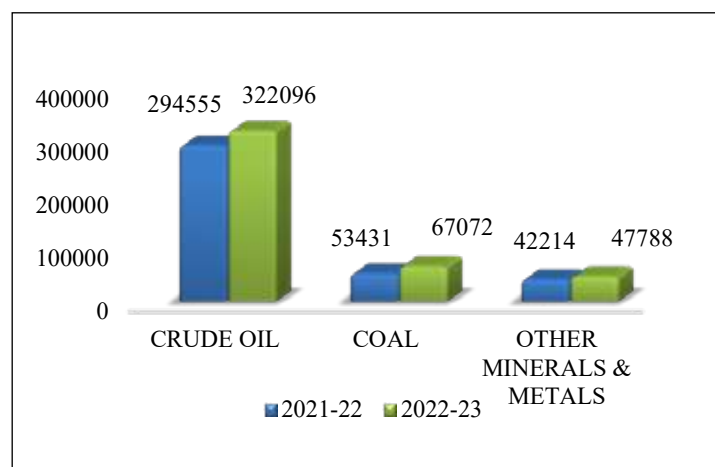
The total Capital Employed in this Sector has increased by around 9%. The Capital Employed by various cognate groups of Mining and Exploration is given in **Figure 3.7**. All the cognate groups have shown increase on year on year basis viz. Coal (26%), Crude Oil (13%), and Other Minerals & Metals (12%) respectively. The list of top 10 CPSEs in terms of Capital Employed in FY 2022-23 of the Sector is shown in **Table 3.10**

Table 3.10: Top 10 CPSEs in Mining and Exploration sector by Capital Employed in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	2,43,545	2,61,796	7%
2	ONGC Videsh Ltd.	Crude Oil	91,128	95,165	4%
3	Oil India Ltd.	Crude Oil	41,526	45,527	10%
4	NMDC Ltd.	Other Minerals & Metals	17,875	22,332	25%
5	Coal India Ltd.	Coal	16,358	16,706	2%
6	Mahanadi Coalfields Ltd.	Coal	8,217	13,312	62%
7	National Aluminium Company Ltd.	Other Minerals & Metals	12,555	13,238	5%
8	Northern Coalfields Ltd.	Coal	7,871	11,176	42%
9	Central Coalfields Ltd.	Coal	8,412	10,317	23%
10	South Eastern Coalfields Ltd.	Coal	5,442	6,936	27%
	Others (13 CPSEs)		24,569	24,732	1%
	Grand Total		4,77,497	5,21,239	9%

3.2.8 Net Worth

Figure 3.8: Net Worth of cognate groups in Mining and Exploration sector (₹ crore)



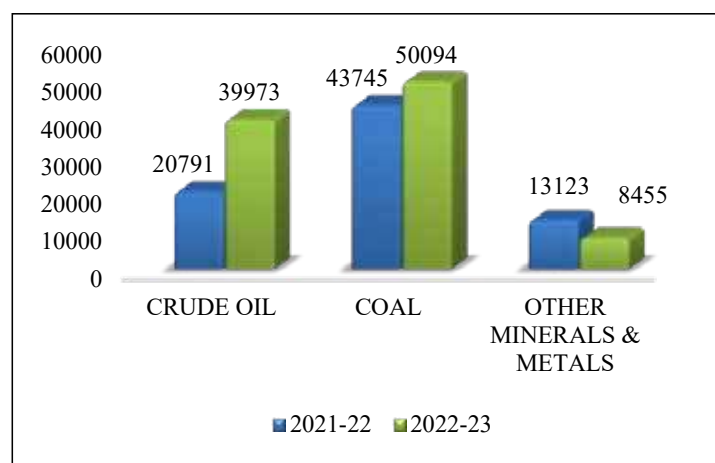
The total Net Worth in this Sector has increased by around 12%. The share of cognate groups in Net Worth for the FY 2022-23 is provided in **Figure 3.8**. Coal, Crude Oil, and Other Minerals & Metals have shown an increase by 26%, 9% and 13% respectively. The list of top 10 CPSEs in terms of Net Worth in FY 2022-23 of the Sector is shown in **Table 3.11**

Table 3.11 Top 10 CPSEs in Mining and Exploration Sector by Net Worth in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	2,23,041	2,44,222	9%
2	ONGC Videsh Ltd.	Crude Oil	41,033	42,860	4%
3	Oil India Ltd.	Crude Oil	26,979	31,601	17%
4	NMDC Ltd.	Other Minerals & Metals	17,875	22,332	25%
5	Coal India Ltd.	Coal	16,358	16,706	2%
6	Mahanadi Coalfields Ltd.	Coal	8,213	13,308	62%
7	National Aluminium Company Ltd.	Other Minerals & Metals	12,555	13,238	5%
8	Northern Coalfields Ltd.	Coal	7,959	11,274	42%
9	Central Coalfields Ltd.	Coal	8,637	10,365	20%
10	South Eastern Coalfields Ltd.	Coal	5,685	7,119	25%
	Others (13 CPSEs)		21,865	23,931	9%
	Grand Total		3,90,198	4,36,959	12%

3.2.9 Contribution to Exchequer

Figure 3.9: Contribution to Central Exchequer by cognate groups in Mining and Exploration sector (₹ crore)



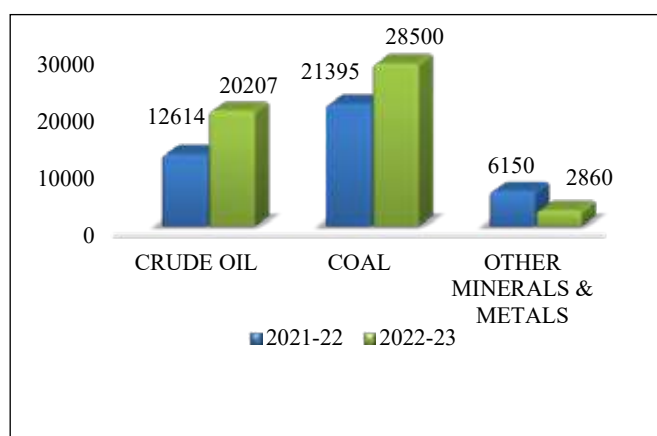
The total Contribution to Central Exchequer in this Sector has increased by around 27%. The Contribution to Exchequer (CTE) by the cognate groups of Mining and Exploration Sector is given in **Figure 3.9**. The list of top 10 CPSEs in terms of Contribution to Central Exchequer is shown in **Table 3.12**.

Table 3.12- Top 10 CPSEs in Mining and Exploration sector by Contribution to Exchequer in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	16,832	32,061	90%
2	Mahanadi Coalfields Ltd.	Coal	10,064	13,425	33%
3	Coal India Ltd.	Coal	7,696	9,762	27%
4	Northern Coalfields Ltd.	Coal	7,756	8,828	14%
5	South Eastern Coalfields Ltd.	Coal	8,526	7,969	-7%
6	Oil India Ltd.	Crude Oil	3,940	7,854	99%
7	NMDC Ltd.	Other Minerals & Metals	8,858	4,763	-46%
8	Central Coalfields Ltd.	Coal	3,576	4,134	16%
9	Western Coalfields Ltd.	Coal	2,802	2,751	-2%
10	National Aluminium Company Ltd.	Other Minerals & Metals	2,464	2,180	-12%
	Others (13 CPSEs)		5,145	4,795	-7%
	Grand Total		77,659	98,524	27%

3.2.10 Dividend Declared

Figure 3.10: Dividend by cognate groups in Mining and Exploration sector (₹ crore)



The total Dividend declared in this Sector has increased by around 28%. The dividend declared by various cognate groups of Mining & Exploration is provided in Figure-3.10. The list of top 10 CPSEs in terms of Dividend declaration in Mining & Exploration Sector is shown in **Table 3.13**

Table 3.13: Top 10 CPSEs in Mining and Exploration sector by Dividend declaration in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	11,448	17,612	54%
2	Coal India Ltd.	Coal	10,785	14,328	33%
3	Mahanadi Coalfields Ltd.	Coal	5,800	8,425	45%
4	Northern Coalfields Ltd.	Coal	3,596	3,659	2%
5	Oil India Ltd.	Crude Oil	1,166	2,115	81%
6	NMDC Ltd.	Other Minerals & Metals	4,320	1,099	-75%
7	South Eastern Coalfields Ltd.	Coal	432	1,064	146%
8	Central Coalfields Ltd.	Coal	782	1,024	31%
9	National Aluminium Company Ltd.	Other Minerals & Metals	1,102	918	-17%
10	ONGC Videsh Ltd.	Crude Oil	0	480	-
	Others (13 CPSEs)		728	843	16%
	Grand Total		40,158	51,567	28%

3.3 Manufacturing, Processing and Generation

The Manufacturing, Processing and Generation Sector has nine cognate groups which comprise 85 Operating CPSEs. The CPSEs under this Sector are engaged in a varied range of activities such as production and sale of steel, pipes casting, sponge iron and various allied products, refining of crude oil, production and marketing of petroleum products, Urea, Phosphates, complex fertilizers, Ayurveda intermediates, pesticides, and manufacture of capital goods required by ship building. Some CPSEs are engaged in design, development, manufacture, marketing and after-sales service of wide range of mining and construction equipment for the core Sectors of the economy and generation & distribution of power from various sources such as Hydel, Thermal and nuclear (excluding Solar). The brief summary of performance of the Sector is given below in **Table 3.14**.

Table 3.14: Performance of Manufacturing, Processing and Generation Sector (₹ crore)

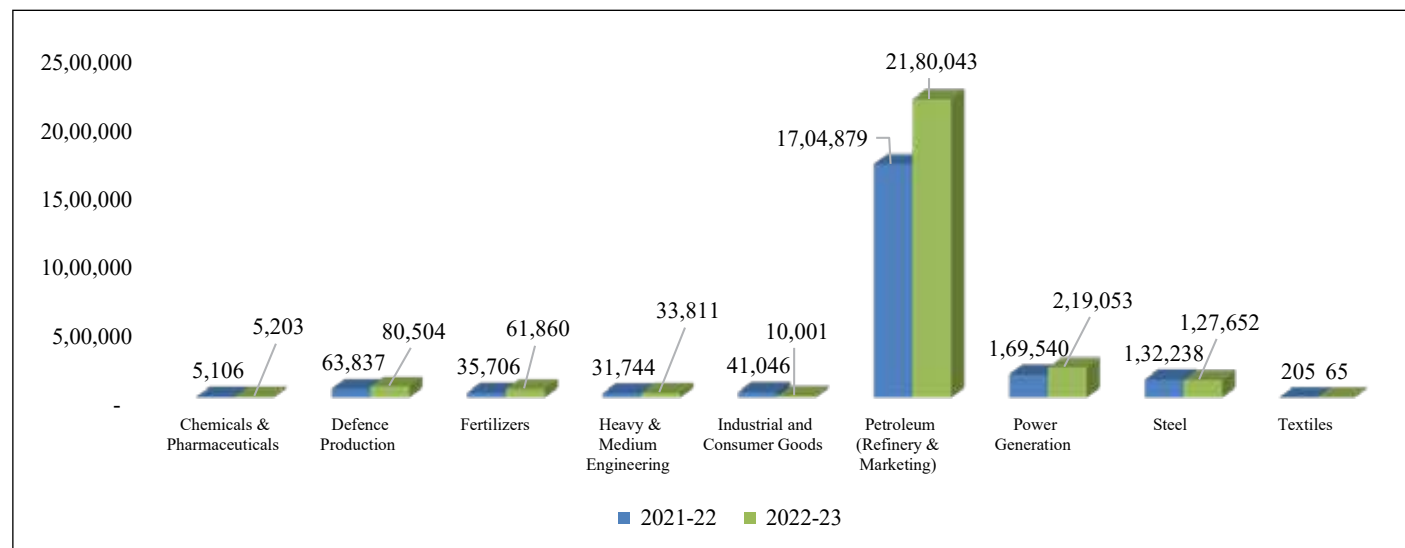
MANUFACTURING, PROCESSING AND GENERATION	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
Gross Turnover	21,84,306	27,18,193	24%
Net Profit	1,06,346	57,361	-46%
Gross Block	13,70,761	15,02,563	10%
Value Addition	2,94,879	2,45,213	-17%
Foreign Exchange Earnings	92,667	1,02,643	11%
Financial Investment	5,64,136	6,60,422	17%
Capital Employed	11,05,597	11,95,508	8%
Net Worth	6,21,071	7,10,723	14%
Contribution to Central Exchequer	3,70,297	3,15,045	-15%
Dividend declared	48,663	28,458	-42%

As per the **Table 3.14**, all the indicators in this Sector have shown a positive trend in FY 2022-23. The status of these selected indicators in this Sector is as follows:

3.3.1 Gross Turnover

The total Gross Turnover in this Sector has increased by around 24%. The overall change in Gross Turnover in all the cognate groups of Manufacturing, Processing and Generation Sector is given in **Figure 3.11**.

Figure 3.11: Gross Turnover of various cognate groups in Manufacturing, Processing and Generation sector (₹ crore)



At cognate group level, Fertilizers, Power Generation, Petroleum (Refinery & Marketing) and Defence Production have shown considerably good increase by 73%, 29%, 28% and 26% respectively. Turnover of Heavy & Medium Engineering and Chemicals & Pharmaceuticals showed moderate increase however, Industrial and Consumer Goods, Textiles and Steel has decreased by 76%, 68% and 3% respectively. The list of top 10 CPSEs in terms of Gross Turnover in FY 2022-23 of the Sector is shown in **Table 3.15**.

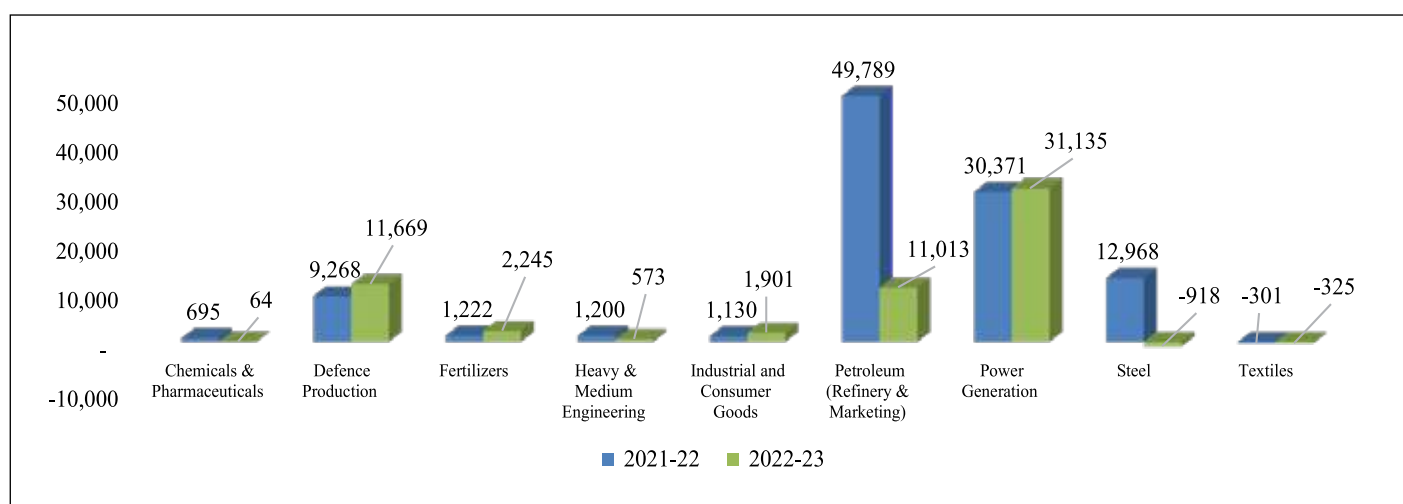
Table 3.15: Top 10 CPSEs in Manufacturing, Processing and Generation sector by Gross Turnover

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	7,28,445	9,34,953	28%
2	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	4,32,422	5,33,468	23%
3	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	3,73,897	4,66,192	25%
4	NTPC Ltd.	Power Generation	1,21,175	1,63,770	35%
5	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	86,094	1,24,736	45%
6	Steel Authority Of India Ltd.	Steel	1,03,473	1,04,447	1%
7	Chennai Petroleum Corporation Ltd.	Petroleum (Refinery & Marketing)	60,474	90,908	50%
8	Numaligarh Refinery Ltd.	Petroleum (Refinery & Marketing)	23,547	29,786	26%
9	National Fertilizers Ltd.	Fertilizers	15,857	29,617	87%
10	Hindustan Aeronautics Ltd.	Defence Production	24,620	26,928	9%
	Other (75 CPSEs)		2,14,297	2,13,387	-0.42%
	Grand Total		21,84,306	27,18,193	24%

3.3.2 Overall Net Profit

The overall Net Profit in this Sector has decreased by around 46%. The overall change in Net Profit in all the cognate groups of Manufacturing, Processing and Generation Sector is given in **Figure 3.12**.

Figure 3.12: Overall Net Profit of various cognate groups in Manufacturing, Processing and Generation Sector (₹ crore)



At cognate group level, Net profit of Fertilizers grew by 84% and Industrial and Consumer Goods by 68%, Defence Production by 26% and Textile by 8%. However, there is a decrease in Net Profit of Steel by 107%, Chemicals & Pharmaceuticals by 91%, Petroleum (Refinery & Marketing) by 78% Heavy & Medium Engg by 52%, Power Generation by 3%. The list of top 10 CPSEs in terms of Overall Net Profit in FY 2022-23 of the Sector is shown in **Table 3.16**.

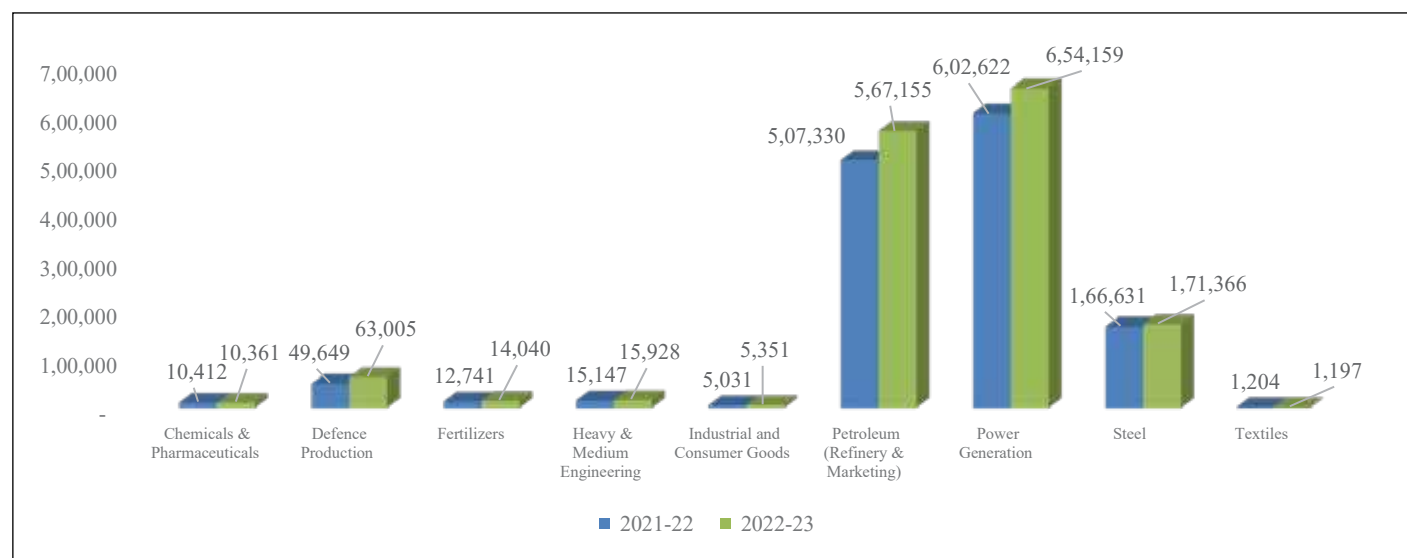
Table 3.16: Top 10 CPSEs in Manufacturing, Processing and Generation by Overall Net Profit

S. No.	CPSEs Name	Cognate Group	2022-23 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	16,282	17,197	6%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	24,184	8,242	-66%
3	Hindustan Aeronautics Ltd.	Defence Production	5,086	5,811	14%
4	Nuclear Power Corpn. Of India Ltd.	Power Generation	6,395	5,146	-20%
5	NHPC Ltd.	Power Generation	3,538	3,834	8%
6	Numaligarh Refinery Ltd.	Petroleum (Refinery & Marketing)	3,562	3,703	4%
7	Chennai Petroleum Corporation Ltd.	Petroleum (Refinery & Marketing)	1,342	3,534	163%
8	Bharat Electronics Ltd.	Defence Production	2,349	3,007	28%
9	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	2,955	2,638	-11%
10	Steel Authority Of India Ltd.	Steel	12,015	1,903	-84%
	Other (75 CPSEs)		28,634	2,342	-92%
	Grand Total		1,06,346	57,361	-46%

3.3.3 Gross Block

The overall Gross Block in this Sector has increased by around 10%. The overall change in Gross Block in all the cognate groups of Manufacturing, Processing and Generation Sector is given in **Figure 3.13**.

Figure 3.13: Change in Gross Block in 2021-22 & 2022-23 (₹ crore)



At cognate group level, all cognate groups, except for Chemicals & Pharmaceuticals and Textiles have shown a growth over FY 2021-22. The list of top 10 CPSEs in terms of Gross Block in FY 2022-23 of the Sector is shown in **Table 3.17**.

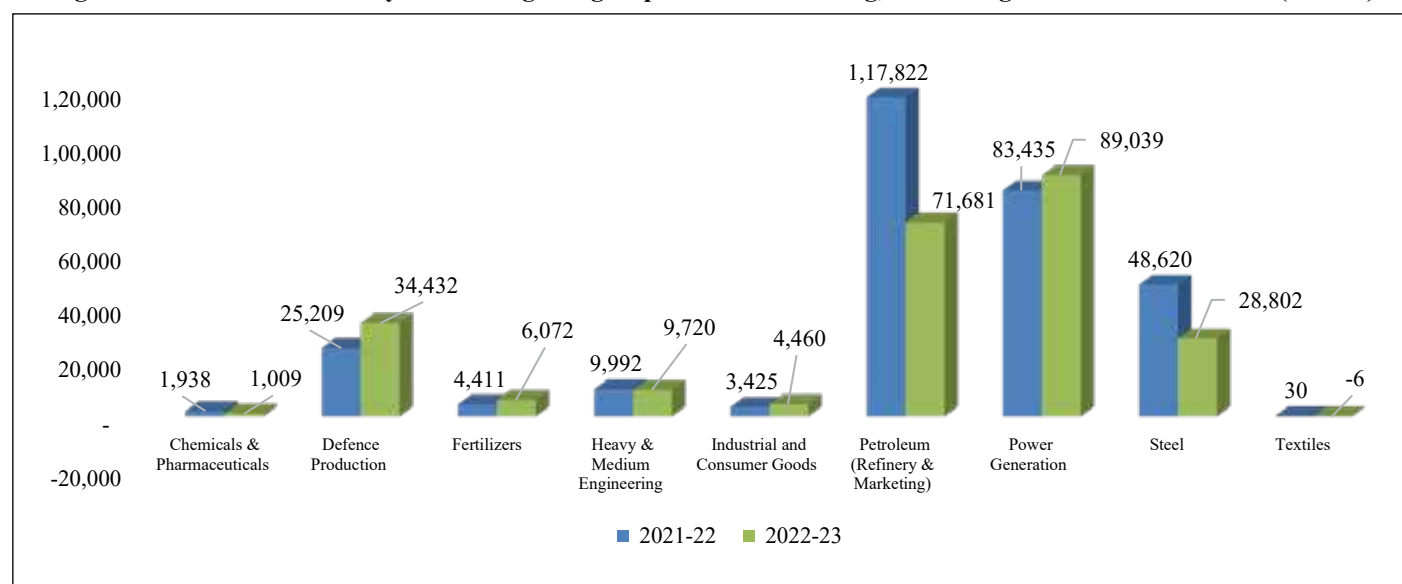
Table 3.17: Top 10 CPSEs in Manufacturing, Processing and Generation sector by Gross Block

S. No	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	3,30,701	3,31,683	0.30%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	2,44,101	2,77,607	14%
3	Steel Authority Of India Ltd.	Steel	1,29,495	1,33,663	3%
4	Nuclear Power Corpn. Of India Ltd.	Power Generation	1,10,574	1,28,555	16%
5	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	1,10,651	1,19,647	8%
6	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	1,04,287	1,14,692	10%
7	NHPC Ltd.	Power Generation	50,572	55,703	10%
8	Rashtriya Ispat Nigam Ltd.	Steel	36,973	37,522	1%
9	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	28,705	29,174	2%
10	NLC India Ltd.	Power Generation	27,488	28,322	3%
	Other (75 CPSEs)		1,97,220	2,45,994	25%
	Grand Total		13,70,761	15,02,563	10%

3.3.4 Value Addition

The Value Addition in this Sector has increased by around 17%. The overall change in Value Addition in all the cognate groups of Manufacturing, Processing and Generation Sector can be inferred from **Figure 3.14**.

Figure 3.14: Value Addition by various cognate groups in Manufacturing, Processing and Generation sector (₹ crore)



At cognate group level, Fertilizers, Defence Production, Industrial and Consumer Goods and Power Generation have shown an increase by 38%, 37%, 30% and 7% respectively. However, Textiles, Chemicals & Pharmaceuticals, Steel, Petroleum (Refinery & Marketing) and Heavy & Medium Engineering have shown a decrease by 120%, 48%, 41%, 39% and 3% respectively. The list of top 10 CPSEs in terms of Value Addition in FY 2022-23 of the Sector is shown in **Table 3.18**.

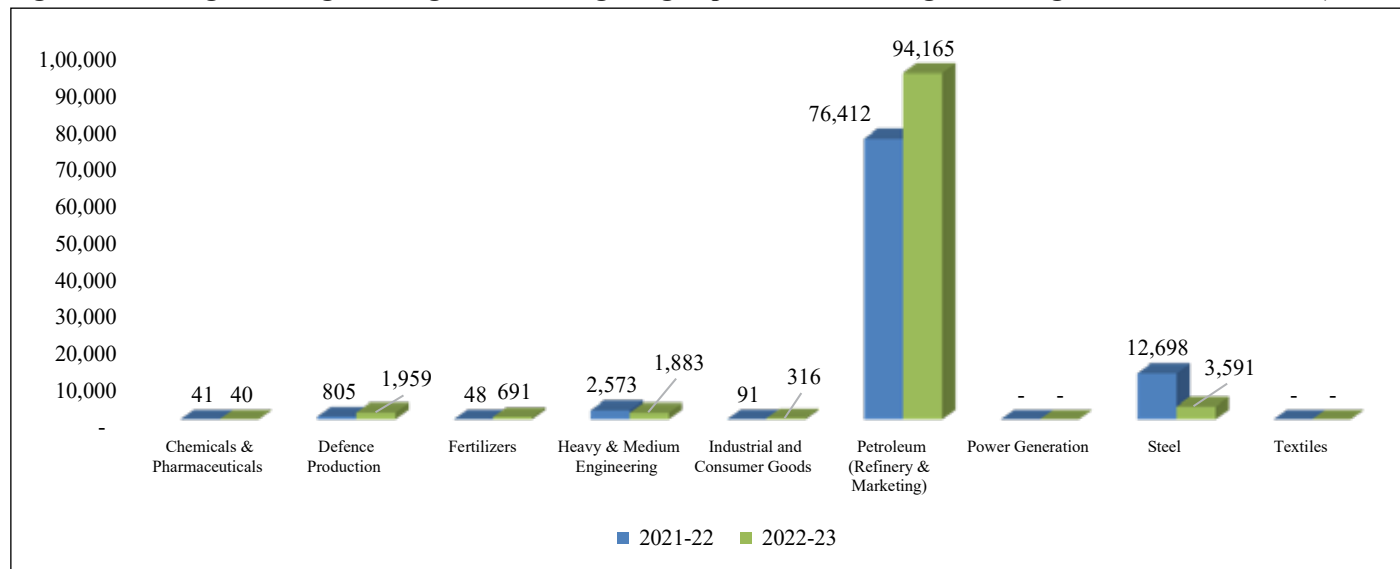
Table 3.18: Top 10 CPSEs in Value Addition in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	46,716	52,068	11%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	59,802	38,933	-35%
3	Steel Authority Of India Ltd.	Steel	41,930	26,226	-37%
4	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	27,119	15,444	-43%
5	Hindustan Aeronautics Ltd.	Defence Production	11,166	13,829	24%
6	Nuclear Power Corpn. Of India Ltd.	Power Generation	12,028	10,239	-15%
7	NHPC Ltd.	Power Generation	6,714	8,279	23%
8	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	5,705	7,415	30%
9	NLC India Ltd.	Power Generation	8,251	7,342	-11%
10	Bharat Heavy Electricals Ltd.	Heavy & Medium Engineering	6,681	6,996	5%
	Other (75 CPSEs)		68,770	58,438	15%
	Grand Total		2,94,879	2,45,213	17%

3.3.5 Foreign Exchange Earnings

The total Foreign Exchange Earnings in this Sector have increased by around 11%. The Foreign Exchange Earnings of various cognate groups in Manufacturing, Processing and Generation is given in **Figure 3.15**.

Figure 3.15: Foreign Exchange Earnings of various cognate groups in Manufacturing, Processing and Generation sector (₹ crore)



At cognate group level, Fertilizers, Industrial and Consumer Goods, Defence Production have shown a huge increase of 1340%, 247%, and 143% respectively togetherwith increase by Petroleum (Refinery & Marketing) of 23%. However, Steel, Heavy & Medium Engineering and Chemicals & Pharmaceuticals have shown a decrease by 72%, 27% and 2% respectively. The list of top 10 CPSEs in terms of Foreign Exchange Earnings in FY 2022-23 of the Sector is shown in **Table 3.19**.

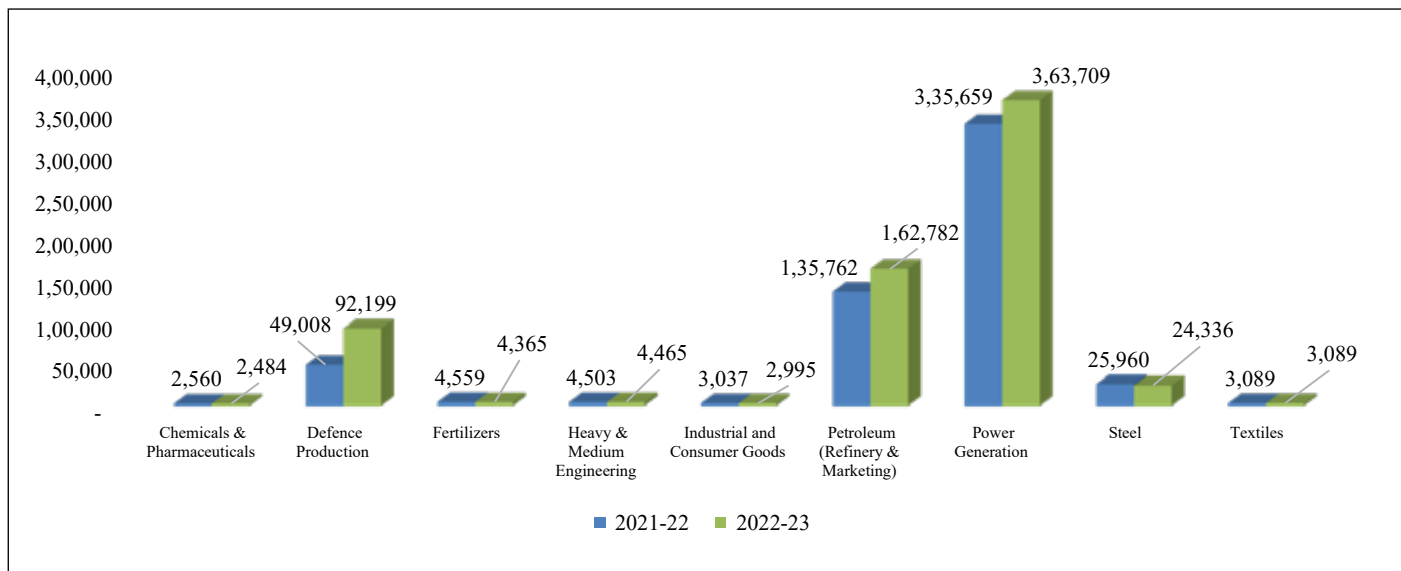
Table 3.19: Top 10 CPSEs in Manufacturing, Processing and Generation by Foreign Exchange Earnings

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	31,012	45,535	47%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	22,100	26,857	22%
3	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	14,831	15,201	2%
4	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	8,160	6,177	-24%
5	Steel Authority Of India Ltd.	Steel	6,988	2,639	-62%
6	Bharat Heavy Electricals Ltd.	Heavy & Medium Engineering	2,477	1,585	-36%
7	Rashtriya Ispat Nigam Ltd.	Steel	5,710	952	-83%
8	Bharat Electronics Ltd.	Defence Production	278	755	172%
9	BEML Ltd.	Defence Production	194	613	216%
10	Rashtriya Chemicals And Fertilizers Ltd.	Fertilizers	0	563	-
	Other (75 CPSEs)		918	1,768	93%
	Grand Total		92,667	1,02,643	11%

3.3.6 Financial Investment

The total Financial Investments in this Sector has increased by around 17%. The Financial Investments in various cognate groups in Manufacturing, Processing and Generation is given in **Figure 3.16**.

Figure 3.16: Financial Investments in cognate groups in Manufacturing, Processing and Generation Sector (₹ crore)



At cognate group level, Defence Production, Petroleum (Refinery & Marketing) and Power Generation have shown increase by 88%, 20% and 8% respectively. Steel, Fertilizers, Chemicals & Pharmaceuticals, Heavy & Medium Engineering and Industrial and Consumer Goods have shown decrease by 6%, 4%, 3%, 1% and 1% respectively. The list of top 10 CPSEs in terms of Financial Investments in FY 2022-23 of the Sector is shown in **Table 3.20**.

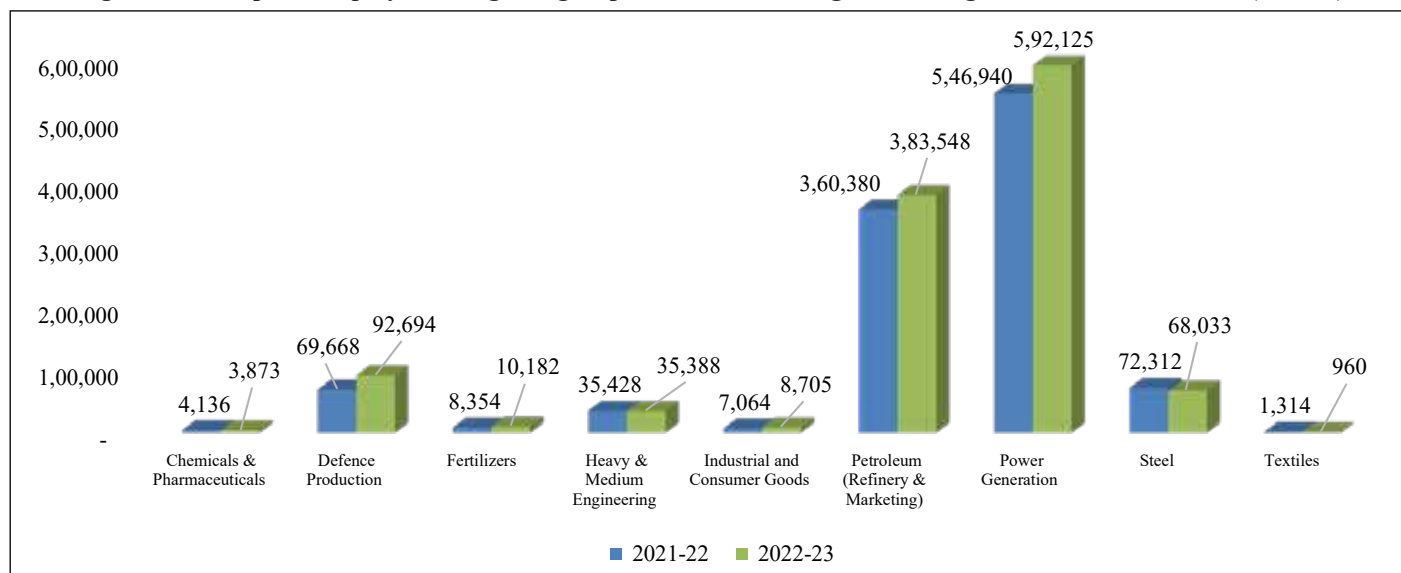
Table 3.20: Top 10 CPSEs in Manufacturing, Processing and Generation sector by Financial Investments

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	1,69,819	1,66,012	-2%
2	Nuclear Power Corpn. Of India Ltd.	Power Generation	76,370	90,453	18%
3	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	59,761	71,929	20%
4	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	32,646	47,822	46%
5	NHPC Ltd.	Power Generation	33,212	35,300	6%
6	Munitions India Ltd.	Defence Production	33,743	34,811	3%
7	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	23,162	21,571	-7%
8	Advanced Weapons And Equipment India Limited	Defence Production	528	17,307	3175%
9	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	15,968	14,171	-11%
10	Rashtriya Ispat Nigam Ltd.	Steel	13,662	14,061	3%
	Other (75 CPSEs)		1,05,266	1,46,987	40%
	Grand Total		5,64,136	6,60,422	17%

3.3.7 Capital Employed

The total Capital Employed in this Sector has increased by around 8%. The Capital Employed by various cognate groups of Manufacturing, Processing and Generation is given in **Figure 3.17**.

Figure 3.17: Capital Employed in cognate groups in Manufacturing, Processing and Generation Sector (₹ crore)



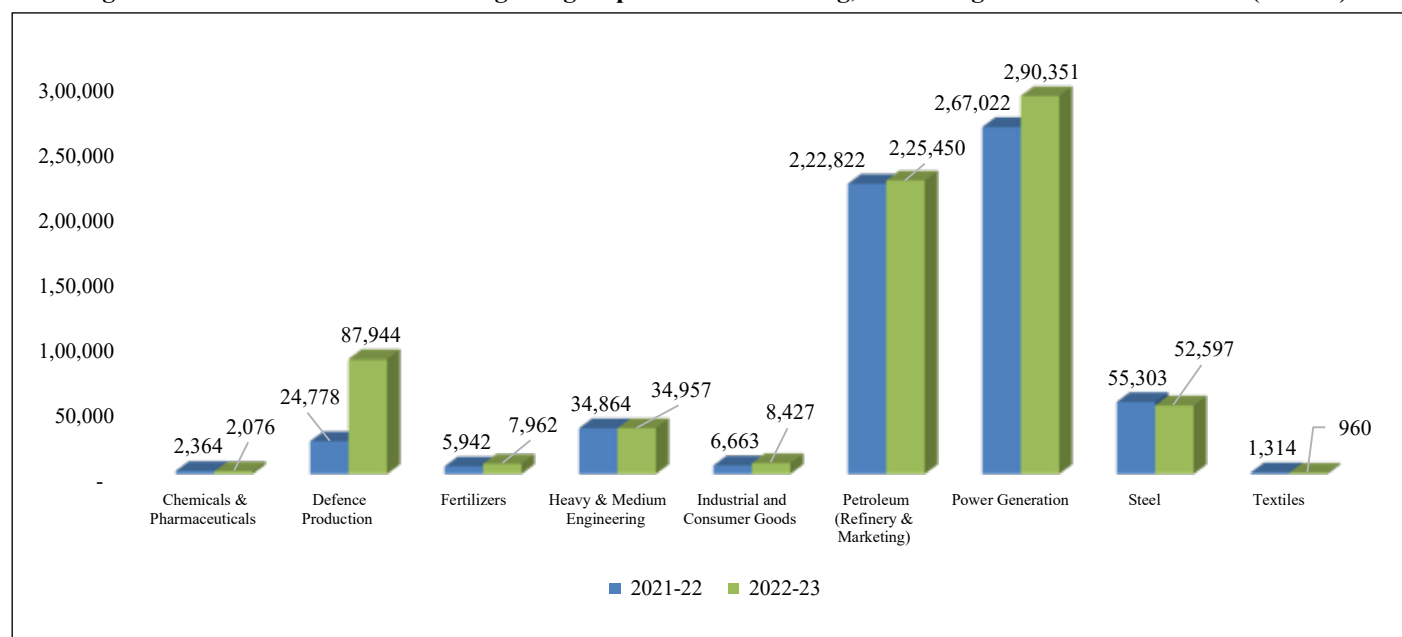
At cognate group level, Defence Production, Industrial and Consumer Goods, Fertilizers, Power Generation and Petroleum (Refinery & Marketing) have shown increase by 33%, 23%, 22%, 8% and 6% respectively. Textile, Steel and Chemicals & Pharmaceuticals have shown decrease by 27%, 6% and 6% respectively. The list of top 10 CPSEs in terms of Capital Employed in FY 2022-23 of the Sector is shown in **Table 3.21**.

Table 3.21: Top 10 CPSEs in Manufacturing, Processing and Generation sector by Capital Employed

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	2,88,790	2,95,206	2%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	1,81,866	1,92,915	6%
3	Nuclear Power Corpn. Of India Ltd.	Power Generation	1,12,551	1,29,795	15%
4	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	69,904	74,116	6%
5	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	72,678	71,438	-2%
6	NHPC Ltd.	Power Generation	56,653	60,663	7%
7	Steel Authority Of India Ltd.	Steel	60,153	58,252	-3%
8	Bharat Heavy Electricals Ltd.	Heavy & Medium Engineering	26,971	27,262	1%
9	Hindustan Aeronautics Ltd.	Defence Production	19,264	23,506	22%
10	NLC India Ltd.	Power Generation	22,633	22,456	-1%
	Other (75 CPSEs)		1,94,133	2,39,899	24%
	Grand Total		11,05,597	11,95,508	8%

3.3.8 Net Worth

The total Net Worth of CPSEs in this Sector has increased by around 14%. The overall change in Net Worth among the cognate groups in Manufacturing, Processing and Generation sector is given in **Figure 3.18**.

Figure 3.18: Net Worth of various cognate groups in Manufacturing, Processing and Generation sector (₹ crore)

At cognate group level, Defence Production, Fertilizers, Industrial and Consumer Goods, Power Generation and Petroleum (Refinery & Marketing) have shown increase by 255%, 34%, 26%, 9% and 1% respectively. whereas Textile, Chemicals & Pharmaceuticals and Steel has shown a decrease by 27%, 12% and 5% respectively. The list of top 10 CPSEs in terms of Net Worth in FY 2022-23 of the Sector is shown in **Table 3.22**.

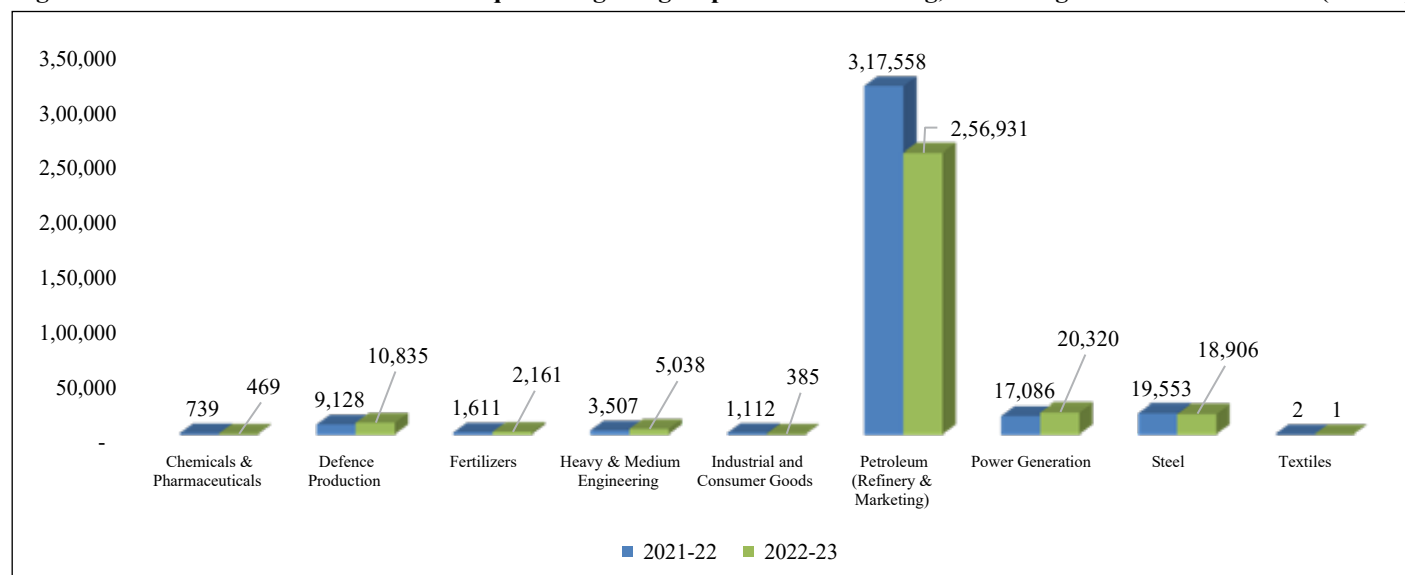
Table 3.22: Top 10 CPSEs in Manufacturing, Processing and Generation by Net Worth

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	1,28,581	1,38,800	8%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	1,14,214	1,19,089	4%
3	Nuclear Power Corpn. Of India Ltd.	Power Generation	49,690	53,075	7%
4	Steel Authority Of India Ltd.	Steel	51,916	51,987	0%
5	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	51,498	51,812	1%
6	NHPC Ltd.	Power Generation	33,486	35,408	6%
7	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	38,740	27,599	-29%
8	Bharat Heavy Electricals Ltd.	Heavy & Medium Engineering	26,971	27,262	1%
9	Hindustan Aeronautics Ltd.	Defence Production	19,264	23,506	22%
10	NLC India Ltd.	Power Generation	13,807	14,639	6%
	Other (75 CPSEs)		92,905	1,67,547	80%
	Grand Total		6,21,071	7,10,723	14%

3.3.9 Contribution to Central Exchequer

The total Contribution to Central Exchequer (CTE) from this Sector has decreased by around 15%. The overall change in Contribution to Central Exchequer in all the cognate groups of Manufacturing, Processing and Generation Sector can be inferred from **Figure 3.19**.

Figure 3.19: Contribution to Central Exchequer of cognate groups in Manufacturing, Processing and Generation sector (₹ crore)



Heavy & Medium Engineering (44%) has reported highest increase towards Contribution to Central Exchequer from this Sector followed by, Fertilizers (34%), Defence Production (19%) and Power Generation (19%). The list of top 10 CPSEs in terms of Contribution to Central Exchequer in this Sector is shown in **Table 3.23**.

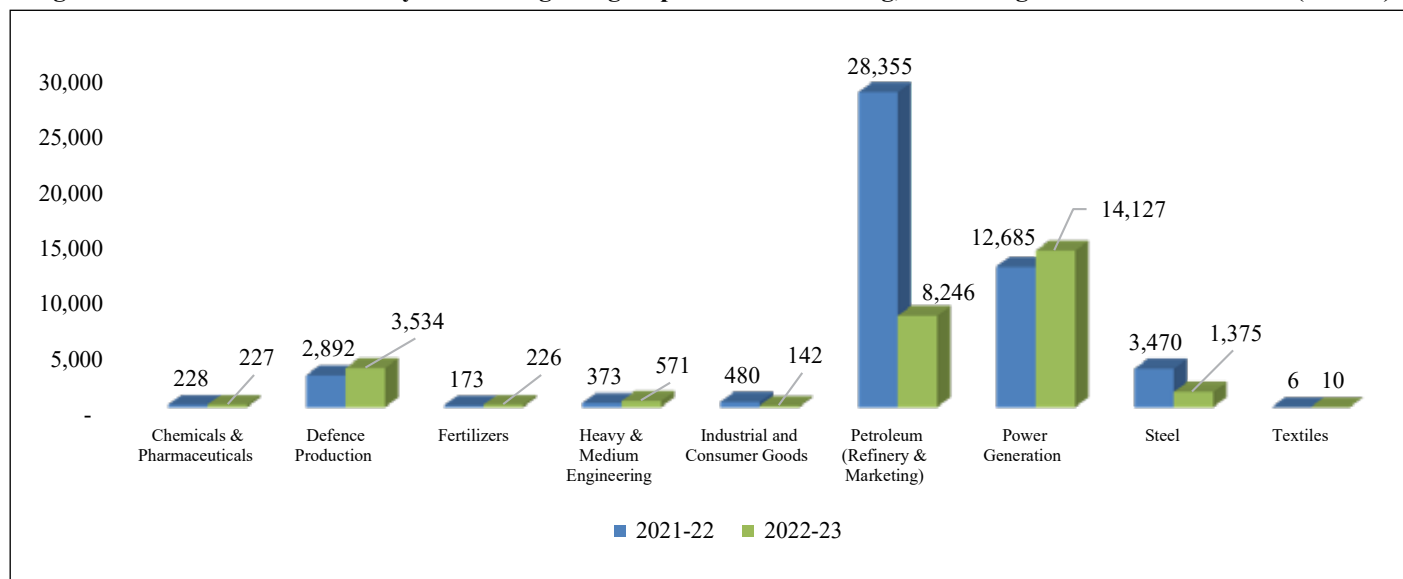
Table 3.23: Top 10 CPSEs in Manufacturing, Processing and Generation by Contribution to Exchequer

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	1,57,181	1,16,271	-26%
2	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	86,613	68,718	-21%
3	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	32,058	32,693	2%
4	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	18,057	18,203	1%
5	Chennai Petroleum Corporation Ltd.	Petroleum (Refinery & Marketing)	18,124	16,453	-9%
6	Steel Authority Of India Ltd.	Steel	16,510	15,829	-4%
7	NTPC Ltd.	Power Generation	6,550	8,797	34%
8	Nuclear Power Corpn. Of India Ltd.	Power Generation	5,061	5,635	11%
9	Hindustan Aeronautics Ltd.	Defence Production	3,809	4,771	25%
10	Numaligarh Refinery Ltd.	Petroleum (Refinery & Marketing)	5,525	4,593	-17%
	Other (75 CPSEs)		20,808	23,083	11%
	Grand Total		3,70,297	3,15,045	-15%

3.3.10 Dividend Declared

The total Dividend declared by CPSEs in this Sector has decreased by around 42%. The share of dividend declared across various Cognate Groups for the FY 2021-22 and FY 2022-23 is provided in **Figure-3.20**.

Figure 3.20: Dividend declared by various cognate groups in Manufacturing, Processing and Generation sector (₹ crore)



Power Generation has the highest share from this sector in terms of Dividend declared followed by Petroleum (Refinery & Marketing) and Defence Production. The list of top 10 CPSEs in terms of Dividend declaration in Manufacturing, Processing and Generation Sector is shown in **Table 3.24**.

Table 3.24: Top 10 CPSEs in Manufacturing, Processing and Generation sector by Dividend declared

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	6,933	7,030	1%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	9,641	3,305	-66%
3	Nuclear Power Corpn. Of India Ltd.	Power Generation	1,347	2,058	53%
4	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	3,227	1,986	-38%
5	NHPC Ltd.	Power Generation	1,667	1,909	14%
6	Hindustan Aeronautics Ltd.	Defence Production	1,338	1,672	25%
7	Steel Authority Of India Ltd.	Steel	3,428	1,342	-61%
8	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	14,751	1,302	-91%
9	Numaligarh Refinery Ltd.	Petroleum (Refinery & Marketing)	736	1,251	70%
10	Bharat Electronics Ltd.	Defence Production	1,023	1,243	21%
	Other (75 CPSEs)		4,571	5,360	17%
	Grand Total		48,663	28,458	-42%

3.4 Services

The Services Sector has 7 cognate groups which comprise 144 Operating CPSEs. The CPSEs falling under this Sector are primarily engaged in transmission and distribution of power, rendering financial services, providing services in the field of hotel business and tourism related activities, construction of houses, railways lines, roads & bridges, providing consultancy services in allied fields, and rendering engineering, technical & educational consultancy services for construction of projects, plants, installation, etc. The summary of performance of the Sector is given below in **Table 3.25**.

Table 3.25: Performance of Services Sector (₹ crore)

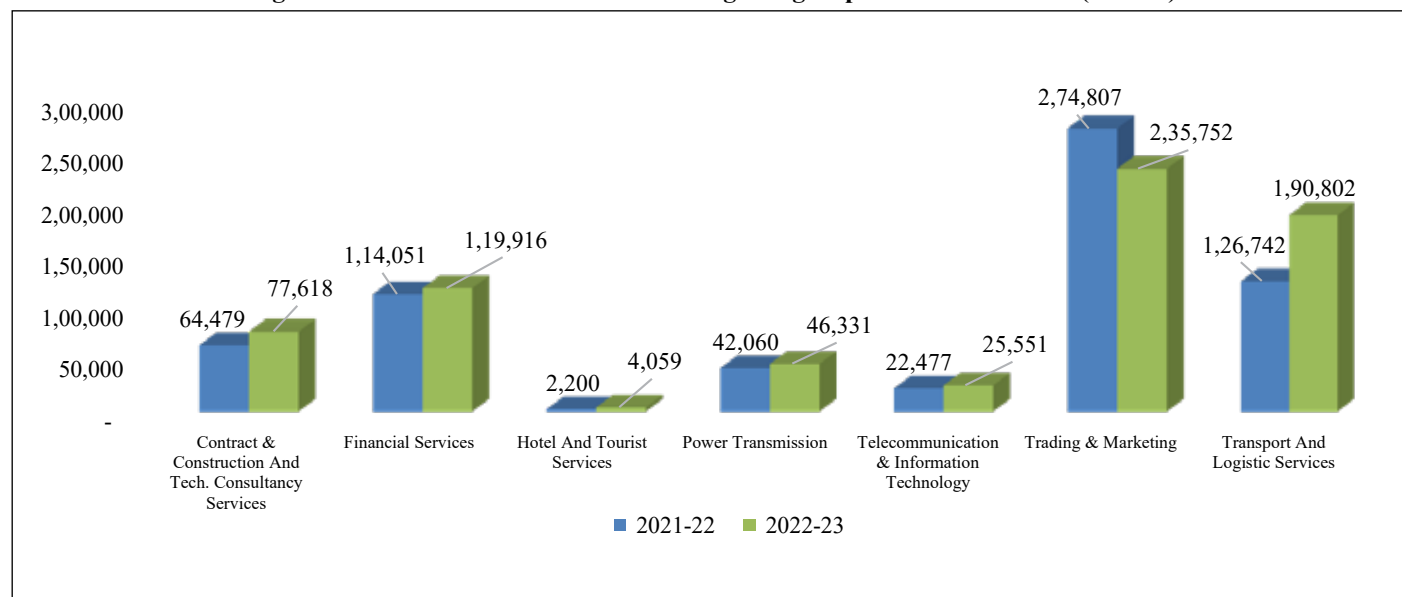
Services	2021-22	2022-23	Growth Rate (%)
Gross Turnover	6,46,809	7,00,034	8%
Net Profit	55,545	59,165	7%
Gross Block	8,01,061	8,65,406	8%
Value Addition	2,30,386	2,40,091	4%
Foreign Exchange Earnings	29,970	38,878	30%
Financial Investment	15,44,859	16,69,061	8%
Capital Employed	18,28,751	19,85,752	9%
Net Worth	4,54,327	5,29,322	17%
Contribution to Central Exchequer	40,137	44,161	10%
Dividend declared	25,924	25,360	-2%

As per the **Table 3.25** All the indicators in this Sector except Dividend declared have shown a positive trend in FY 2022-23 as compared to FY 2021-22. The status of these selected indicators in this Sector is shown below.

3.4.1 Gross Turnover

The total Gross Turnover of the Sector has increased by around 8%. The Gross Turnover of various cognate groups in Service Sector is given in **Figure 3.21**.

Figure 3.21: Gross Turnover of various cognate groups in Services sector (₹ crore)



At cognate group level, Hotel and Tourist Services, Transport and Logistic Services, Contract & Construction and Tech. Consultancy Services, Telecommunication & Information Technology, Power Transmission and Financial Services have shown an increase by 85%, 51%, 20%, 14%, 10% and 5% respectively whereas Trading & Marketing have shown decrease by 14%. The list of top 10 CPSEs in terms of Gross Turnover in FY 2022-23 of the Sector is shown in **Table 3.26**.

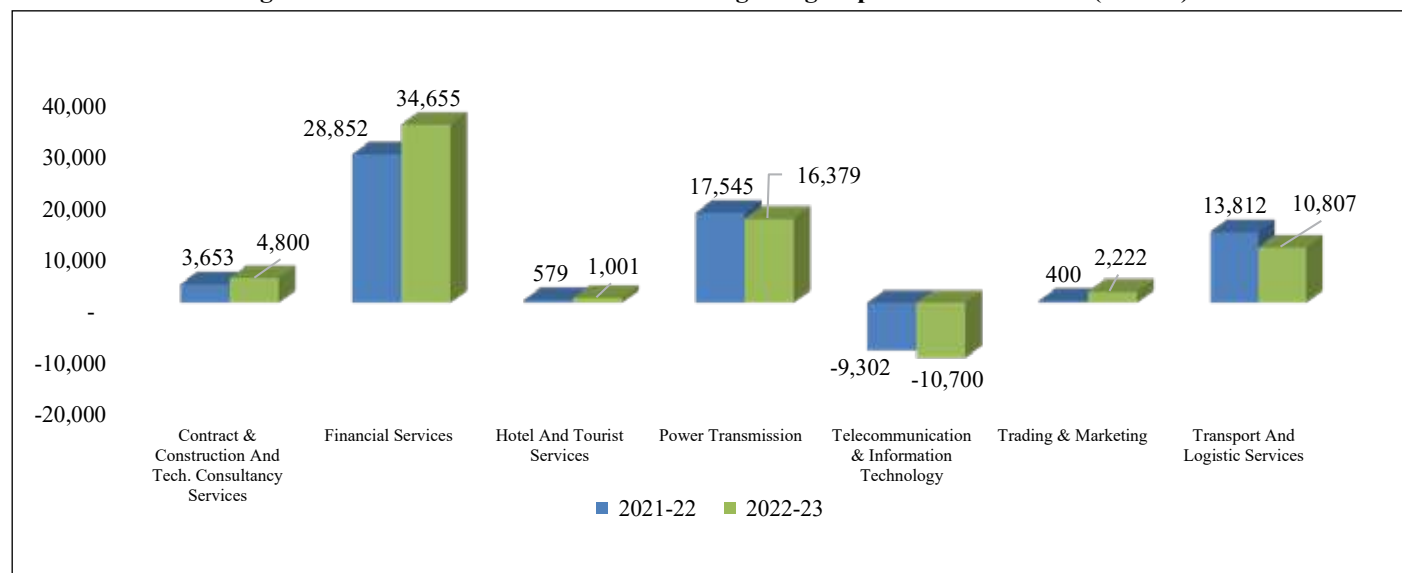
Table 3.26: Top 10 CPSEs in Services sector by Gross Turnover in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Food Corpn. Of India	Trading & Marketing	2,35,519	2,25,599	-4%
2	GAIL (India) Ltd.	Transport And Logistic Services	91,646	1,44,302	57%
3	Power Grid Corporation Of India Ltd.	Power Transmission	39,933	43,343	9%
4	Power Finance Corporation Ltd.	Financial Services	38,545	39,652	3%
5	REC Ltd.	Financial Services	39,132	39,208	0%
6	Indian Railway Finance Corporation Ltd.	Financial Services	20,298	23,891	18%
7	Rail Vikas Nigam Ltd.	Contract & Construction And Tech. Consultancy Services	19,382	20,282	5%
8	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	16,809	19,128	14%
9	Airports Authority Of India	Transport And Logistic Services	6,334	11,425	80%
10	Solar Energy Corporation Of India	Contract & Construction And Tech. Consultancy Services	7,285	10,795	48%
	Other (134 CPSEs)		1,31,933	1,22,404	-7%
	Grand Total		6,46,809	7,00,034	8%

3.4.2 Overall Net Profit

The overall Net Profit of CPSEs in this Sector has increased by around 7%. The Net Profit of various cognate groups of Services Sector is given in **Figure 3.22**.

Figure 3.22: Overall Net Profit of various cognate groups in Services sector (₹ crore)



The overall percentage increase in Net Profit (7%) is led by an increase in Net Profits from Trading & Marketing, Hotel and Tourist Services, Contract & Construction and Tech. Consultancy Services, Financial Services and Telecommunication & Information Technology 456%, 73%, 31%, 20% and 15% respectively whereas Transport and Logistic Services and Power Transmission shows a decline of 22% and 7% respectively. The list of top 10 CPSEs in terms of Overall Net Profit in FY 2022-23 of the Sector is shown in **Table 3.27**.

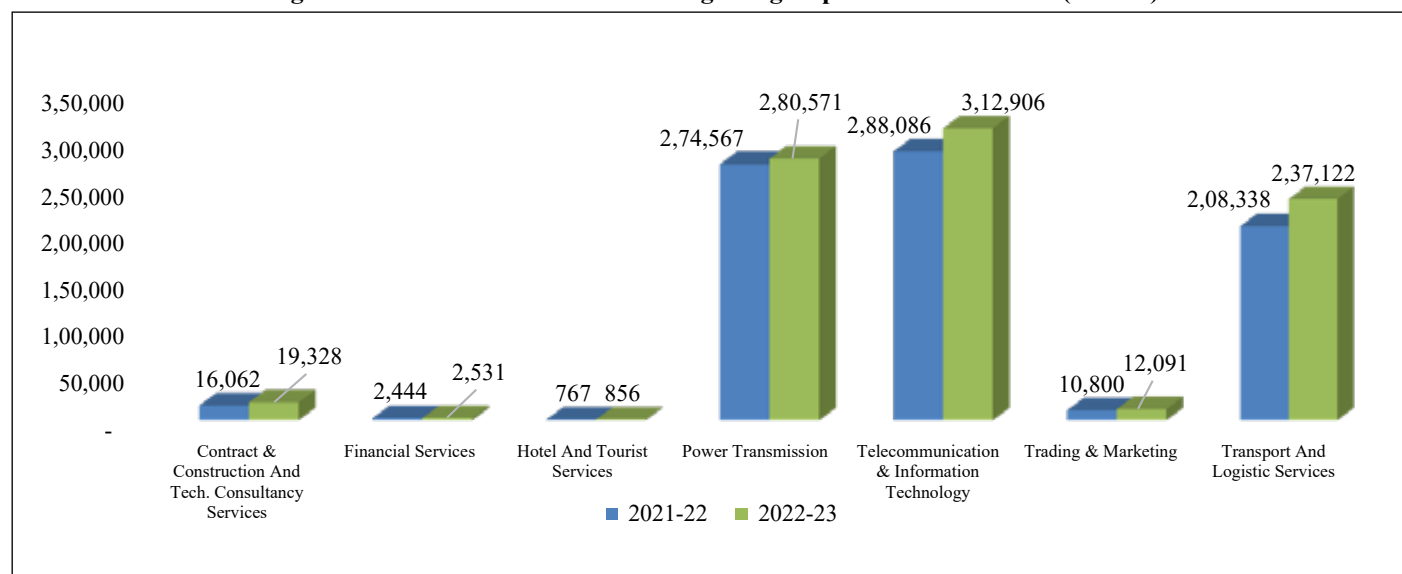
Table 3.27: Top 10 CPSEs in Services sector by Overall Net Profit in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation Of India Ltd.	Power Transmission	17,094	15,333	-10%
2	Power Finance Corporation Ltd.	Financial Services	10,022	11,605	16%
3	REC Ltd.	Financial Services	10,046	11,055	10%
4	Indian Railway Finance Corporation Ltd.	Financial Services	6,090	6,337	4%
5	GAIL (India) Ltd.	Transport And Logistic Services	10,364	5,302	-49%
6	Airports Authority Of India	Transport And Logistic Services	9	2,972	33828%
7	E. C. G. C. Ltd.	Financial Services	875	2,164	147%
8	Housing & Urban Dev. Corpn. Ltd.	Financial Services	1,717	1,702	-1%
9	Rail Vikas Nigam Ltd.	Contract & Construction And Tech. Consultancy Services	1,087	1,268	17%
10	Container Corporation Of India Ltd.	Transport And Logistic Services	1,062	1,169	10%
	Other (134 CPSEs)		-2,827	257	-109%
	Grand Total		55,545	59,165	7%

3.4.3 Gross Block

The overall Gross Block of this Sector has increased by around 8%. The overall change in Gross Block in all the cognate groups of Service Sector can be inferred from **Figure 3.23**.

Figure 3.23: Gross Block of various cognate groups in Services Sector (₹ crore)



All cognate groups have shown in increase Gross Block. The list of top 10 CPSEs in terms of Gross Block in FY 2022-23 of the Sector is shown in **Table 3.28**.

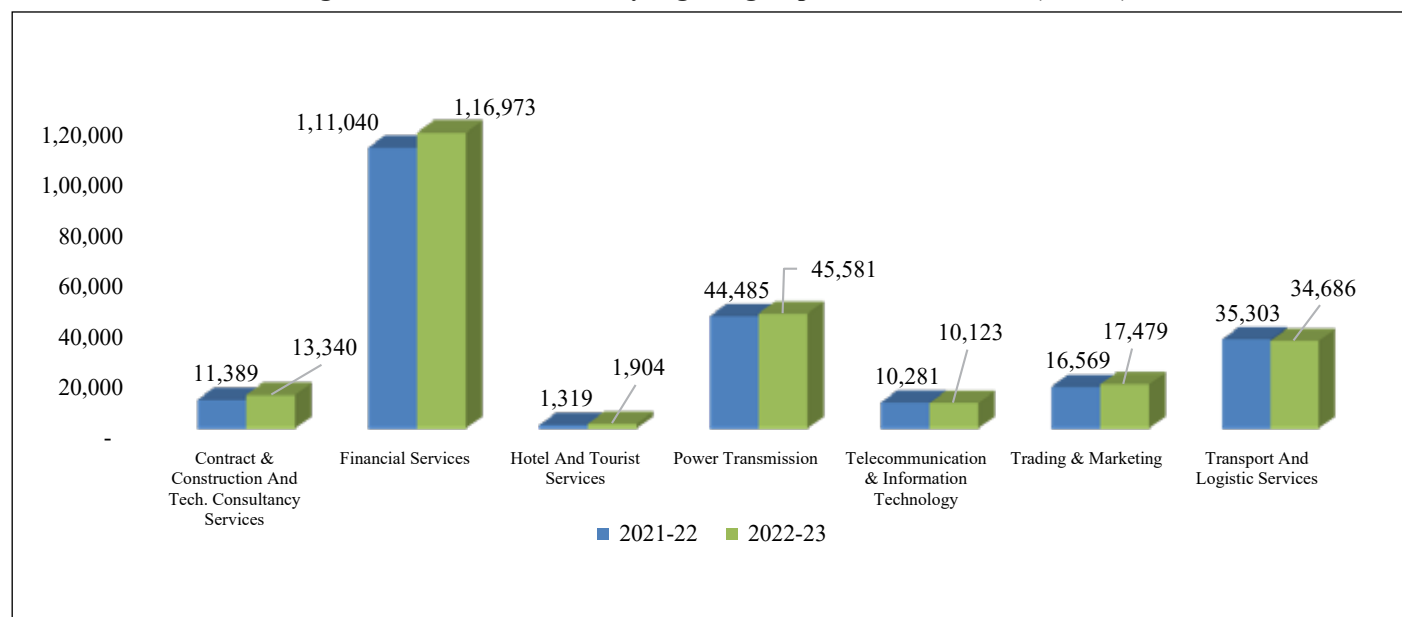
Table 3.28: Top 10 CPSEs in Services sector by Gross Block in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation Of India Ltd.	Power Transmission	2,57,330	2,63,523	2%
2	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	2,39,770	2,58,246	8%
3	Dedicated Freight Corridor Corp. Of India Ltd.	Transport And Logistic Services	65,353	79,833	22%
4	GAIL (India) Ltd.	Transport And Logistic Services	64,201	71,721	12%
5	Airports Authority Of India	Transport And Logistic Services	38,301	41,976	10%
6	Mahanagar Telephone Nigam Ltd.	Telecommunication & Information Technology	28,819	28,643	-1%
7	Bharat Broadband Network Ltd.	Telecommunication & Information Technology	16,373	22,614	38%
8	Shipping Corporation Of India Ltd.	Transport And Logistic Services	13,090	13,239	1%
9	Container Corporation Of India Ltd.	Transport And Logistic Services	9,172	9,717	6%
10	Konkan Railway Corporation Ltd.	Contract & Construction And Tech. Consultancy Services	6,908	7,113	3%
	Other (128 CPSEs)		61,747	68,780	11%
	Grand Total		8,01,061	8,65,406	8%

3.4.4 Value Addition

The total Value Addition by CPSEs in this Sector has increased by around 4%. The Value Addition by all the cognate groups of Service Sector is given in **Figure 3.24**.

Figure 3.24: Value Addition by cognate groups in Services sector (₹ crore)



At cognate group level, Hotel and Tourist Services, Contract & Construction and Tech. Consultancy Services, Financial Services, Trading & Marketing, Power Transmission have increased by 44%, 17%, 5%, 5% and 2% respectively. Telecommunication & Information Technology and Transport and Logistic Services both shows decline of 2%. The list of top 10 CPSEs in terms of Value Addition in FY 2022-23 of the Sector is shown in **Table 3.29**.

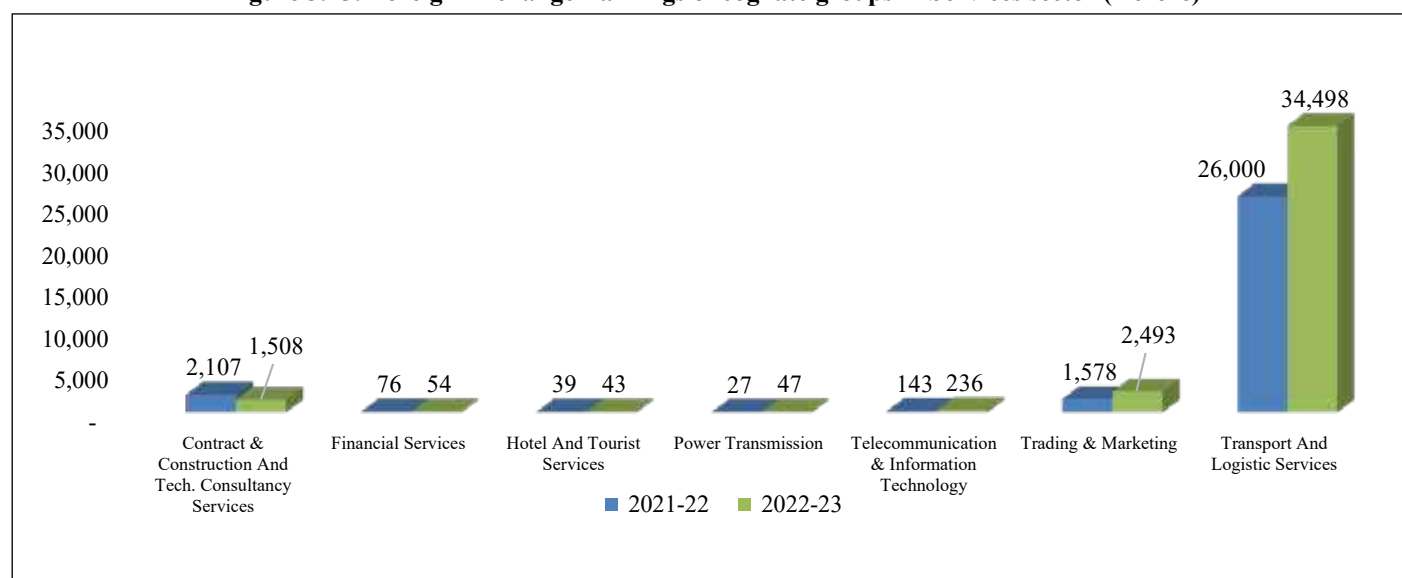
Table 3.29: Top 10 CPSEs in Services sector by Value Addition in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation Of India Ltd.	Power Transmission	42,724	42,747	0.05%
2	REC Ltd.	Financial Services	38,128	37,800	-1%
3	Power Finance Corporation Ltd.	Financial Services	37,347	37,395	0%
4	Indian Railway Finance Corporation Ltd.	Financial Services	20,191	23,809	18%
5	Food Corpn. Of India	Trading & Marketing	13,771	13,485	-2%
6	GAIL (India) Ltd.	Transport And Logistic Services	17,941	11,685	-35%
7	Airports Authority Of India	Transport And Logistic Services	5,709	9,955	74%
8	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	8,209	8,119	-1%
9	Housing & Urban Dev. Corpn. Ltd.	Financial Services	6,860	6,922	1%
10	Indian Renewable Energy Devt. agency Ltd.	Financial Services	2,771	3,396	23%
	Other (128 CPSEs)		36,735	44,773	22%
	Grand Total		2,30,386	2,40,091	4%

3.4.5 Foreign Exchange Earnings

The total Foreign Exchange Earnings of this Sector has increased by around 30%. The overall change in Foreign Exchange Earnings in all the cognate groups of Service Sector is given in **Figure 3.25**.

Figure 3.25: Foreign Exchange Earnings of cognate groups in Services sector (₹ crore)



At cognate group level, Power Transmission, Telecommunication & Information Technology, Trading & Marketing, Transport and Logistic Services and Hotel and Tourist Services have increased by 74%, 65%, 58%, 33% and 10% respectively whereas Financial Services and Contract & Construction And Tech. Consultancy Services have shown a decline by 29% and 28% respectively. The list of top 10 CPSEs in terms of Foreign Exchange Earnings in FY 2022-23 of the Sector is shown in **Table 3.30**.

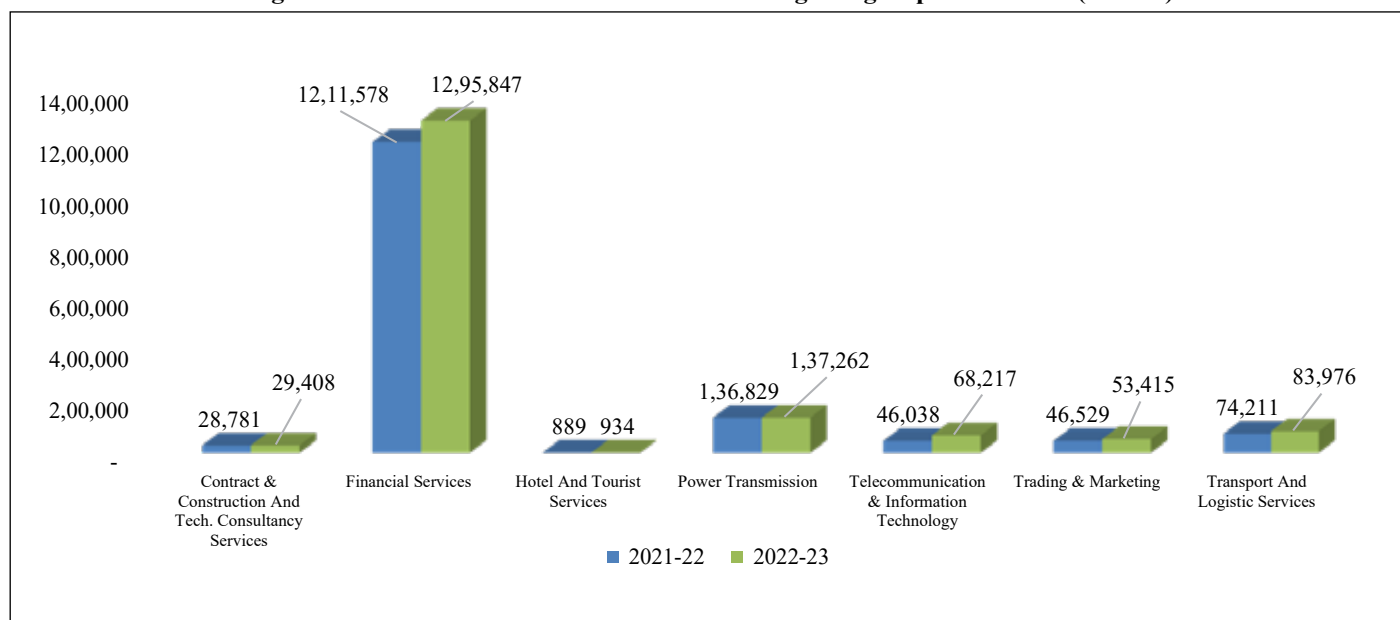
Table 3.30: Top 10 CPSEs in Services sector by Foreign Exchange Earnings in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	GAIL (India) Ltd.	Transport And Logistic Services	20,326	28,136	38%
2	Shipping Corporation Of India Ltd.	Transport And Logistic Services	4,983	5,259	6%
3	NTPC Vidyut Vyapar Nigam Ltd.	Trading & Marketing	1,242	1,276	3%
4	Newspace India Ltd.	Trading & Marketing	259	1,189	359%
5	Airports Authority Of India	Transport And Logistic Services	688	981	43%
6	BITES Ltd.	Contract & Construction And Tech. Consultancy Services	1,049	443	-58%
7	Ircon International Ltd.	Contract & Construction And Tech. Consultancy Services	521	433	-17%
8	Engineers India Ltd.	Contract & Construction And Tech. Consultancy Services	285	237	-17%
9	WAPCOS Ltd.	Contract & Construction And Tech. Consultancy Services	143	172	21%
10	NBCC (India) Ltd.	Contract & Construction And Tech. Consultancy Services	76	159	111%
	Other (134 CPSEs)		398	594	49%
	Grand Total		29,970	38,878	30%

3.4.6 Financial Investment

The total Financial Investment in this Sector has increased by 8% during the FY 2022-23. The Financial Investments in various cognate groups in Service Sector is given in **Figure 3.26**.

Figure 3.26: Financial Investments in various cognate groups in Services (₹ crore)



All the cognate groups under Services Sector have shown a increase in their financial investments. The list of top 10 CPSEs in terms of Financial Investments in FY 2022-23 of the Sector s shown in **Table 3.31**.

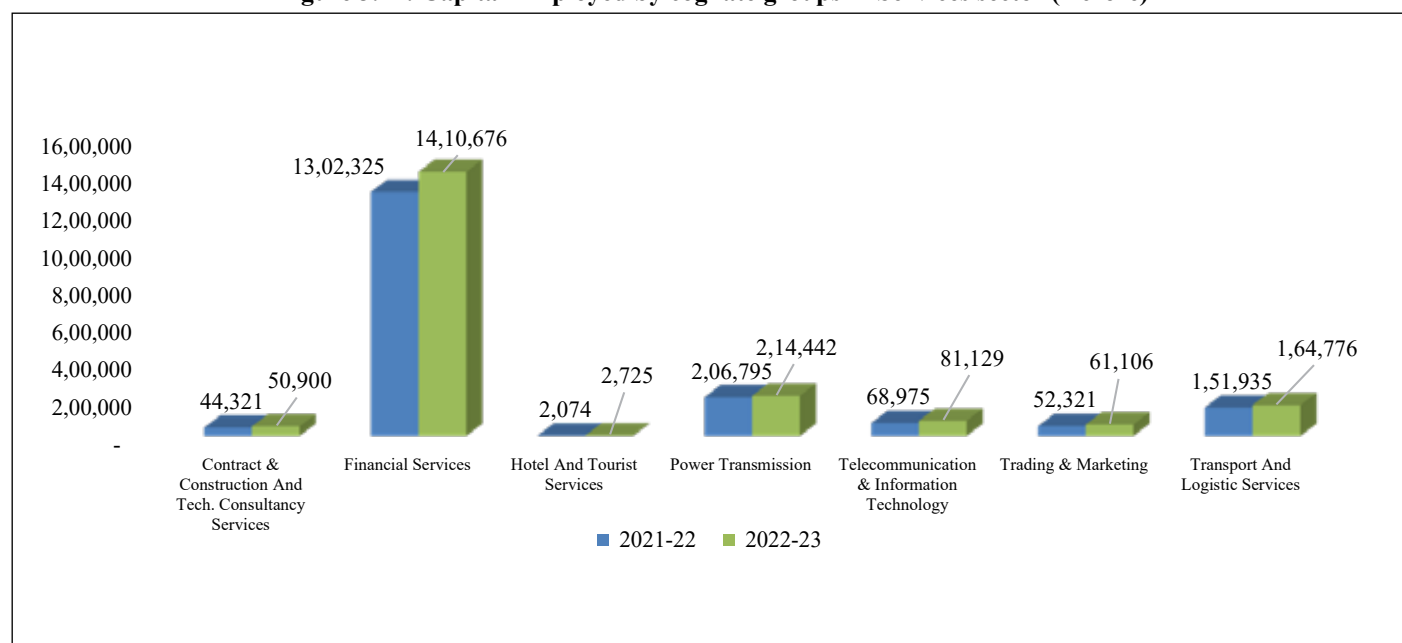
Table 3.31: Top 10 CPSEs in Services sector by Financial Investments in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Indian Railway Finance Corporation Ltd.	Financial Services	3,85,057	4,08,020	6%
2	Power Finance Corporation Ltd.	Financial Services	3,22,540	3,55,317	10%
3	REC Ltd.	Financial Services	2,82,610	3,00,454	6%
4	Power Grid Corporation Of India Ltd.	Power Transmission	1,21,175	1,20,867	0%
5	Air India Assets Holding Ltd	Financial Services	77,350	77,350	0%
6	Housing & Urban Dev. Corpn. Ltd.	Financial Services	60,922	63,137	4%
7	Dedicated Freight Corridor Corp. Of India Ltd.	Transport And Logistic Services	48,151	53,125	10%
8	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	28,240	47,478	68%
9	Food Corpn. Of India	Trading & Marketing	44,742	46,680	4%
10	India Infrastructure Finance Co. Ltd.	Financial Services	45,618	44,819	-2%
	Other (134 CPSEs)		1,28,450	1,51,812	18%
	Grand Total		15,44,859	16,69,061	8%

3.4.7 Capital Employed

The total Capital Employed in this Sector has increased by 9%. The overall change in Capital Employed in all the cognate groups of Service Sector can be inferred from **Figure 3.27**.

Figure 3.27: Capital Employed by cognate groups in Services sector (₹ crore)



At cognate group level, Hotel and Tourist Services, Telecommunication & Information Technology, Trading & Marketing, Contract & Construction and Tech. Consultancy Services, Transport and Logistic Services, Financial Services and Power Transmission have shown an increase by 31%, 18%, 17%, 15%, 8%, 8% and 4% respectively. The list of top 10 CPSEs in terms of Capital Employed in FY 2022-23 of the Sector is shown in **Table 3.32**.

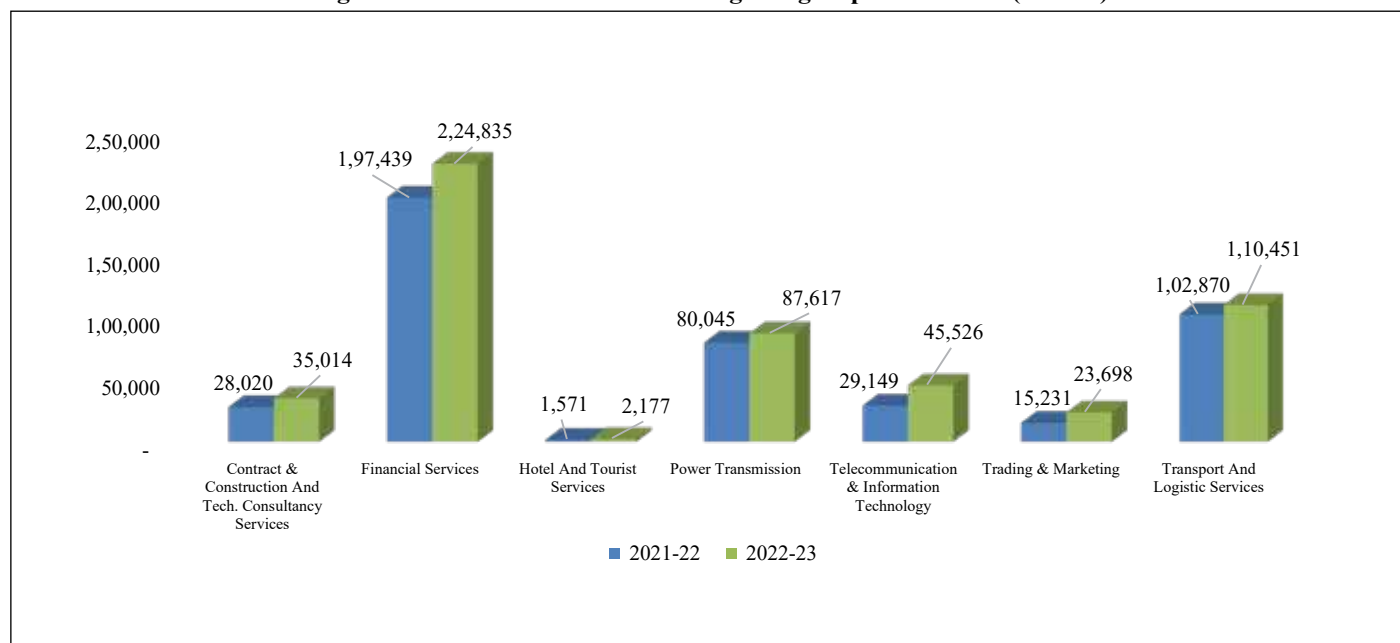
Table 3.32: Top 10 CPSEs in Services sector by Capital Employed in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Indian Railway Finance Corporation Ltd.	Financial Services	4,12,985	4,40,422	7%
2	Power Finance Corporation Ltd.	Financial Services	3,79,250	4,20,879	11%
3	REC Ltd.	Financial Services	3,31,621	3,55,501	7%
4	Power Grid Corporation Of India Ltd.	Power Transmission	1,90,351	1,96,724	3%
5	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	67,936	79,057	16%
6	Housing & Urban Dev. Corpn. Ltd.	Financial Services	73,389	76,581	4%
7	GAIL (India) Ltd.	Transport And Logistic Services	60,417	63,491	5%
8	Dedicated Freight Corridor Corp. Of India Ltd.	Transport And Logistic Services	48,417	53,372	10%
9	India Infrastructure Finance Co. Ltd.	Financial Services	47,355	47,697	1%
10	Food Corpn. Of India	Trading & Marketing	44,721	46,659	4%
	Other (134 CPSEs)		1,72,304	2,05,371	19%
	Grand Total		18,28,751	19,85,752	9%

3.4.8 Net Worth

The total Net Worth of CPSEs in this Sector has increased by around 17%. The Net Worth of cognate groups in Services sector is provided in **Figure 3.28**.

Figure 3.28: Net Worth in various cognate groups in Services (₹ crore)



All the cognate groups in the Service Sector have shown growth in their Net Worth. Trading & Marketing and Telecommunication & Information Technology has reported highest increase of 56% each in this Sector followed by Hotel and Tourist Services (39%), Contract & Construction And Tech. Consultancy Services (25%), Financial Services (14%), Power Transmission (9%) and Transport and Logistic Services (7%). The list of top 10 CPSEs in terms of Net Worth in FY 2022-23 of the Sector is shown in **Table 3.33**.

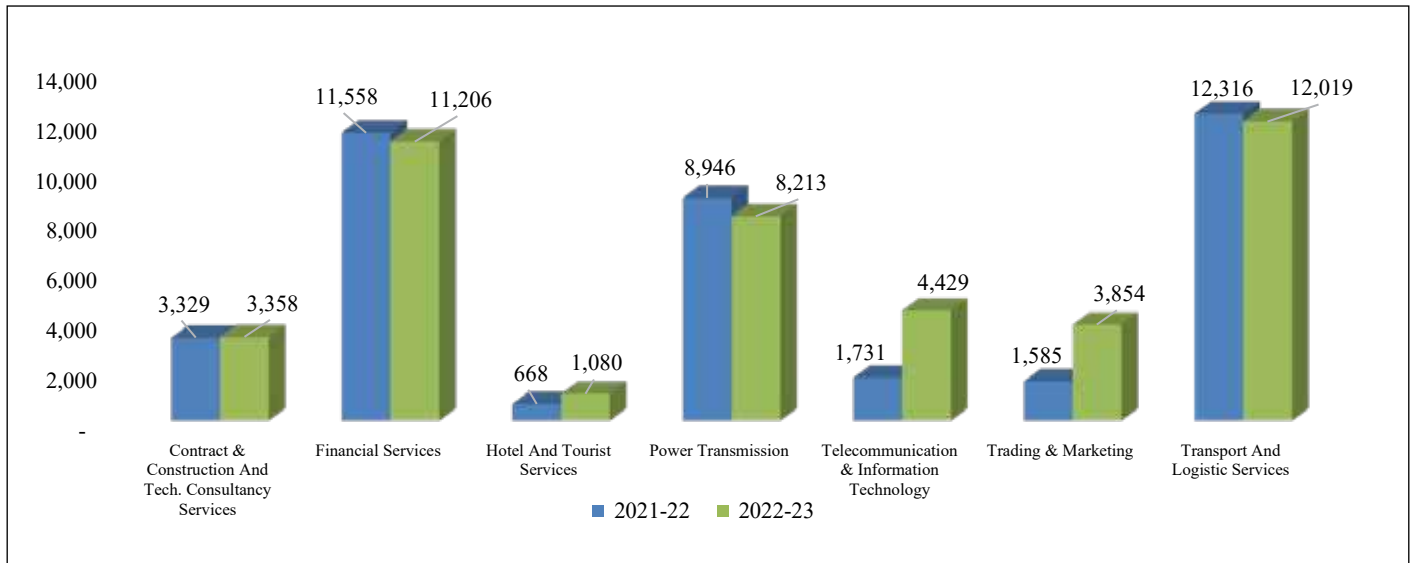
Table 3.33: Top 10 CPSEs in Services sector by Net Worth in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation Of India Ltd.	Power Transmission	75,606	82,461	9%
2	Power Finance Corporation Ltd.	Financial Services	59,499	68,554	15%
3	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	44,696	62,966	41%
4	REC Ltd.	Financial Services	51,225	59,681	17%
5	GAIL (India) Ltd.	Transport And Logistic Services	55,587	55,654	0%
6	Indian Railway Finance Corporation Ltd.	Financial Services	40,996	45,470	11%
7	Dedicated Freight Corridor Corp. Of India Ltd.	Transport And Logistic Services	14,342	15,976	11%
8	Airports Authority Of India	Transport And Logistic Services	12,246	15,781	29%
9	Housing & Urban Dev. Corpn. Ltd.	Financial Services	14,468	15,445	7%
10	India Infrastructure Finance Co. Ltd.	Financial Services	11,737	12,878	10%
	Other (134 CPSEs)		73,923	94,452	28%
	Grand Total		4,54,327	5,29,322	17%

3.4.9 Contribution to Central Exchequer

The total Contribution to Central Exchequer from this Sector has increased by around 10%. The Contribution to Central Exchequer by the cognate groups in Services Sector is given in **Figure 3.29**.

Figure 3.29: Contribution to Central Exchequer by various cognate groups in Services sector (₹ crore)



Transport And Logistic Services has the highest share in the Contribution to Central Exchequer from this Sector followed by Financial Services, Power Transmission, Telecommunication & Information Technology, Trading & Marketing and Contract & Construction And Tech. Consultancy Services. The list of top 10 CPSEs in terms of Contribution to Central Exchequer in this Sector is shown in **Table 3.34**.

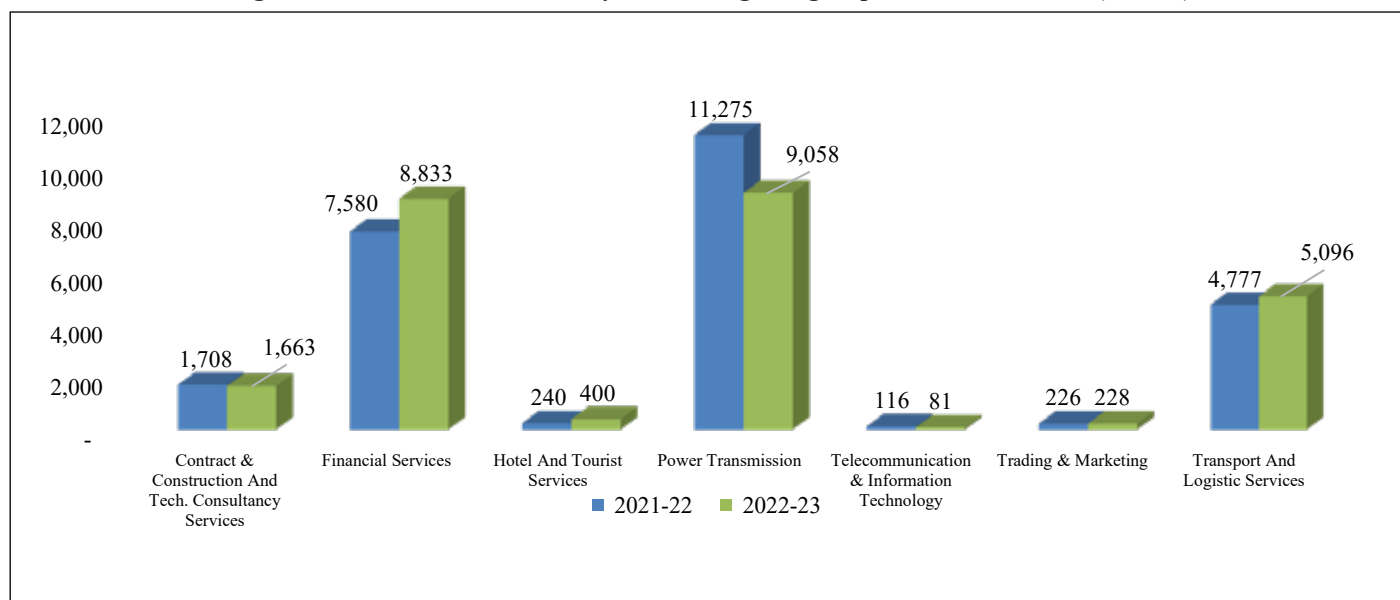
Table 3.34: Top 10 CPSEs in Services sector by Contribution to Central Exchequer in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation Of India Ltd.	Power Transmission	8,860	8,067	-9%
2	GAIL (India) Ltd.	Transport And Logistic Services	8,665	6,650	-23%
3	Power Finance Corporation Ltd.	Financial Services	2,373	4,007	69%
4	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	1,056	3,942	273%
5	REC Ltd.	Financial Services	3,229	2,806	-13%
6	Airports Authority Of India	Transport And Logistic Services	1,360	2,666	96%
7	Newspace India Ltd.	Trading & Marketing	286	2,607	812%
8	Indian Railway Finance Corporation Ltd.	Financial Services	3,869	1,951	-50%
9	Container Corporation Of India Ltd.	Transport And Logistic Services	1,050	1,294	23%
10	Indian Railway Catering And Tourism Corpn. Ltd.	Hotel And Tourist Services	638	1,030	61%
	Other (134 CPSEs)		8,747	9,139	4%
	Grand Total		40,137	44,161	10%

3.4.10 Dividend Declared

The total Dividend declared by CPSEs in Service sector has decreased by around 2%. The Dividend declared by cognate groups in Services sector for the FY 2022-23 is given in **Figure-3.30**.

Figure 3.30: Dividend declared by various cognate groups in Services sector (₹ crore)



Hotel and Tourist Services has reported highest increase in the Dividend declared followed by Financial services and Transport And Logistic Services. The list of top 10 CPSEs in terms of Dividend declaration in Service Sector is shown in **Table 3.35**.

Table 3.35: Top 10 CPSEs in Services sector by Dividend declaration in FY 2022-23

S. No.	CPSEs Name	Cognate Group	2021-22 (₹ crore)	2022-23 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation Of India Ltd.	Power Transmission	10,812	8,545	-21%
2	REC Ltd.	Financial Services	2,411	3,120	29%
3	GAIL (India) Ltd.	Transport And Logistic Services	3,996	3,068	-23%
4	Power Finance Corporation Ltd.	Financial Services	3,366	2,640	-22%
5	Indian Railway Finance Corporation Ltd.	Financial Services	1,006	1,869	86%
6	Airports Authority Of India	Transport And Logistic Services	0	892	-
7	Container Corporation Of India Ltd.	Transport And Logistic Services	487	731	50%
8	Housing & Urban Dev. Corpn. Ltd.	Financial Services	435	701	61%
9	E. C. G. C. Ltd.	Financial Services	276	434	57%
10	RITES Ltd.	Contract & Construction And Tech. Consultancy Services	421	433	3%
	Other (134 CPSEs)		2,712	2,926	8%
	Grand Total		25,924	25,360	-2%

Research & Development



4

Chapter 4

Research & Development

4.1 Research & development (R&D)

Research & Development (R&D) is one of the key activities that organisation undertake in order to develop new products, process or services, synthesise or improve those that are already in use by them. Businesses approach R&D in different ways, with different organisations implementing different R&D strategies & techniques. The way R&D is leveraged inside an organisation also varies significantly between business streams or Departments, having a considerable importance in terms of its overall impact.

When developing a new product, process or service, or optimizing an existing one, R&D can be considered as one of the earliest phases. R&D cycle generally begins with generation of ideas (ideation) & theoretical explanation of concepts, followed by research, & then development.

In India, CPSEs, especially those in the power, petroleum, defence, mining & steel sectors, have long played a leading role in R&D. While a number of CPSEs have in-house R&D facilities, others have opted for sponsored research via collaborations with universities & reputed R&D institutions.

Over the years, CPSEs have been focusing on investing in R&D activities, resulting in innovative and cost-saving technologies, products, services, etc. The total R&D Expenditure has increased from ₹6,667.91 crores during FY 2021-22 to ₹7,232.87 crores in FY 2022-23. Considerable progress has been reported in R&D expenditure during FY 2022-23 showing 8.47 % increase in total expenditure. CPSE wise R&D Expenditure details may be referred in **Statement No. E**.

Cognate group-wise expenditure on R&D

The detailed cognate group-wise statement, indicating the expenditure on R&D in absolute terms is given in **Table 4.1**.

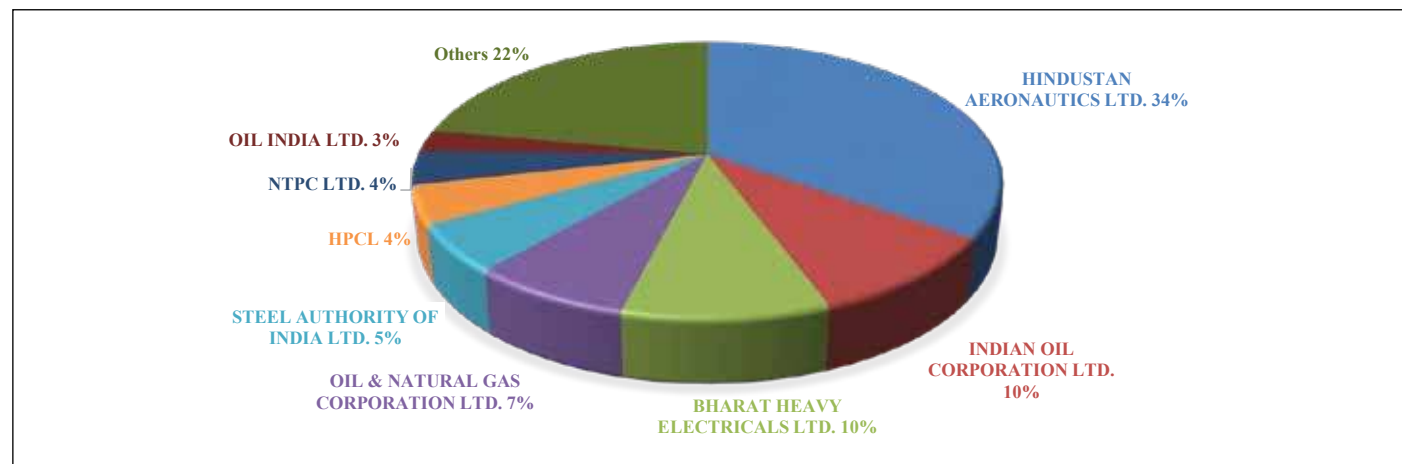
Table 4.1: Cognate group wise expenditure on R&D from FY 2021 to 2023 (in ₹ Crores).

Cognate Groups	FY 2020-21	FY 2021-22	FY 2022-23
	R&D Expenses	R&D Expenses	R&D Expenses
Chemicals & Pharmaceuticals	1.67	1.01	0.25
Coal	27.52	31.77	131.62
Contract & Construction and Tech. Consultancy Services	27.42	29.02	39.57
Crude Oil	554.13	614.27	727.77
Defence Production	1965.65	2230.40	2895.50
Fertilizers	3.07	36.43	48.74
Heavy & Medium Engineering	767.40	754.06	748.38
Industrial And Consumer Goods	4.33	7.32	1.76
Other Minerals & Metals	50.57	448.45	388.60
Petroleum (Refinery & Marketing)	889.63	1163.81	1187.91
Power Generation	224.84	313.41	349.57
Power Transmission	4.55	0.43	29.29
Steel	360.14	767.11	413.73
Transport And Logistic Services	10.23	270.42	270.18
Total	4891.15	6667.91	7232.87

Note: CPSEs under cognate groups of Agro Based Industries, Financial Services, Telecommunication & Information Technology, Textile, Trading & Marketing, Hotels & Tourist services, & CPSEs Under Construction did not undertake any expenditure on R&D activities. Hence, these cognate groups & related CPSEs have not been mentioned in the table.

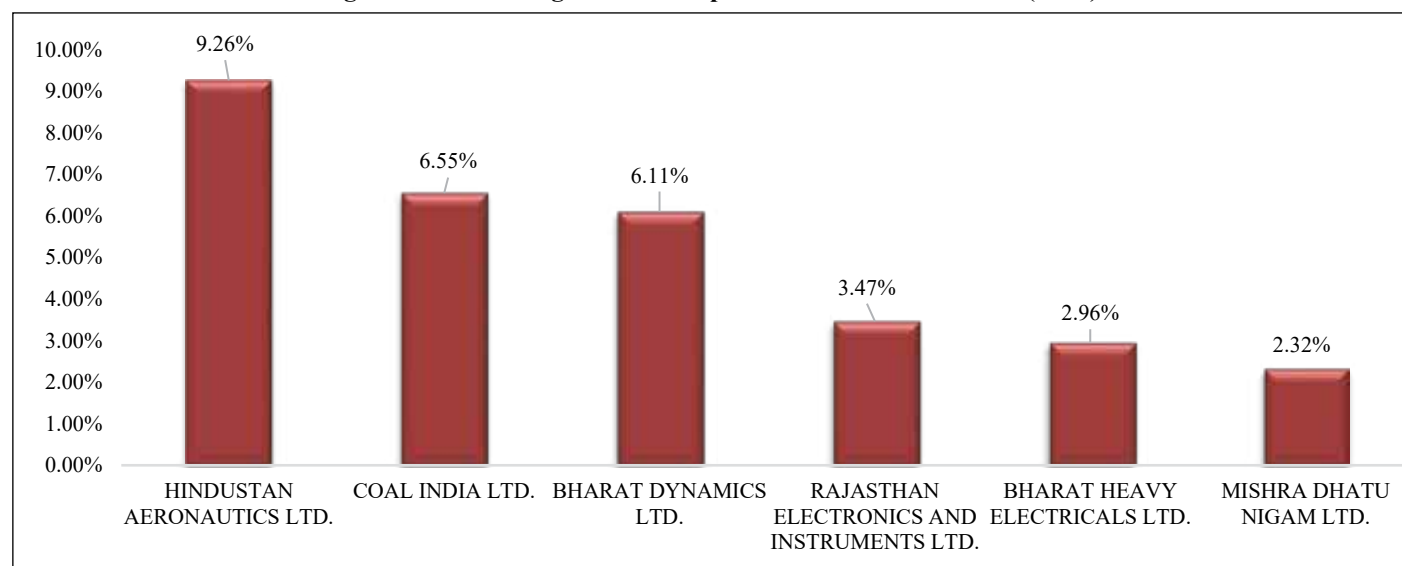
Out of the total expenditure, significant expenditure on R&D activities was undertaken by the Defence Production cognate group, which stood at ₹2,895.50 crore in FY 2022-23, contributing to 40% of the total expenditure by all cognate groups. This was followed by the Petroleum (Refinery & Marketing) & Heavy & Medium Engineering cognate groups, each incurring an expenditure of ₹1,187.91 crore & ₹748.38 crore, respectively. The top three cognate groups together contributed 67% of the total R&D expenditure. Hindustan Aeronautics Ltd incurred the highest R&D expenditure for FY 2022-23, amounting to ₹2,494.33 crore, followed by Indian Oil Corporation Ltd. (₹698.21 crore). Figure 4.1 below shows the leading CPSEs who contribute more in R&D Expenditure in FY 2022-23.

Figure 4.1: Major Contribution to R&D Expenditure (%).



There are six CPSEs, which reported the percentage R&D expenditure to sales more than 2%. **Figure 4.2** below shows the CPSEs incurred R&D expenditure as a percent of their sales/revenue more than 2%.

Figure 4.2: Percentage of R&D Expenditure to Sales/Revenue (>2%).



The different R&D activities carried out by selected CPSEs are explained briefly in the following sections.

COAL

A. Coal India Limited

Following nine research projects have been completed during the year 2022-23:

- ✦ Capacity Building for extraction of CMM Resource within CIL Command Areas.
- ✦ Development of Coal Quality Exploration Technique based on Convolutional Neural Network and Hyperspectral Images.

- ✦ Modelling and design of indirect coal gasification reactor for high-ash Indian coals.
- ✦ Design and Stability of Pillars/Arrays of Pillars for Different Mining Methods in Coal Mine Workings
- ✦ Development of Guidelines for Increasing the Height of Overburden Dumps at Opencast Coal Mines in India
- ✦ Bench Scale Study on reducing ash content (mineral matter) from Washery Grade Coking coal and high ash non-coking coal through oil agglomeration.
- ✦ Development and adoption of Real-Time Prognosis System (RTPS) for cost effective safe operation of mobile machinery: show-cased demonstration of dumper fleet.
- ✦ To develop an Artificial Intelligence (AI) based machine learning solutions to enable prediction of occurrence of fire in Open cast mines extracting locked coal pillars with safety.
- ✦ Development of a methodology for regional air quality monitoring in coalfield area using satellite data and ground observations.

CRUDE OIL

B. Oil & Natural Gas Corporation

- ❖ ONGC undertook various innovative initiatives during FY 2022-23 that included technologies and processes like Gamma Detector System (GDS), SPECTRALL, Gas Hydrate Cell, Laser Diffraction Particle Size Analyzer, Fishbone acid jetting stimulation technique, Fishbone acid jetting stimulation technique, Chemical Free Tiny-Bubble Technology based ETP (300 KLD) – Cambay, Water Shut off JOB using nano-silica gel technology, Hydraulic Pumping Unit, Self-Assisted Plunger Lift (SAPL) etc.

Indigenous development of new software's :

- ✦ **Seistelligence:** Improved version (2.0) of this software was released correcting bugs & incorporating user suggestions. This is now available in CLAP for utilization across PAN-ONGC work-centers.
- ✦ **Automated Discontinuity Tracker:** An indigenously developed Python-based Artificial Intelligence/ Machine Learning (AI/ML) application that helps in mapping/picking faults using seismic data and Deep Learning (DL) techniques. It is planned to be integrated into in-house developed software “Seistelligence” and would be rolled out in Seistelligence version 2.1 across ONGC work centers very soon. The application has already been submitted for Copyright.
- ✦ **HYDRATEMIND:** An in-house developed machine learning algorithm-based software that helps to identify gas hydrate zones using G&G data and is already submitted for Copyrights.

DEFENCE PRODUCTION

C. Hindustan Aeronautics Ltd

The Company has achieved significant progress in various R&D / Development Projects viz. Basic Trainer Aircraft (HTT-40), Light Utility Helicopter (LUH), Light Combat Aircraft (LCA) - MK1A, Hawk-i and Development of Engines. Some of the new projects are as follows:

- ❖ **HAWK-i** HAL has rolled out the first indigenously upgraded Hawk Mk 132 aircraft named as Hawk-i, with enhanced operational and training capabilities. Maiden flight of Hawk-i was successfully conducted on 01st Feb'17. This programme was taken up by HAL in an effort to be self-reliant in matters such as integration of new sub-systems or modifications, obsolescence management of avionics systems and to enhance the operational and training capabilities of the Hawk aircraft. Successful firing of Smart Anti Airfield Weapon (SAAW) from upgraded Hawk was carried out at Chandipur, Odisha. This is the first Smart Weapon fired from Indian HAWK. All the development activities are completed and supply contract is awaited for taking up fleet upgrade. The aircraft is being offered to IAF and other prospective customers.
- ❖ **Indian Multi Role Helicopter IMRH / Deck Based Multi Role Helicopter (DBMRH)::**

HAL has initiated Development of IMRH/DBMRH to replace Medium Lift helicopter (MLH) class available with services.

IMRH will replace existing fleet of Mi17s of Army / IAF and DBMRH will replace Sea King / Kamov KA31 of Navy. Final Operation Requirement (OR) received from IAF & IA. HAL will be the Leading the Helicopter project i.e. designer of the platform

and integrator. Indian private industry selected by HAL will be involved as Tier I Supply Chain partner for Airframe, Mechanical, Electrical, Avionics, and Mission Systems from the D&D stage. The Engine for IMRH/DBMRH project shall be designed and developed by a JV between HAL and SafranHE (SHE) France.

- ❖ **Utility Helicopter Maritime (UHM):** HAL has taken up Development of Utility Helicopter Maritime for the Indian Navy. UHM is based on the HAL Utility Helicopter ALH and is designed to perform a variety of missions, including search and rescue, casualty evacuation, and maritime surveillance.

HEAVY & MEDIUM ENGINEERING

D. Bharat Heavy Electricals Ltd.

- ❖ Successfully established and evaluated performance of methanol firing at Liquid Fuel Burning Test Facility (LFBTF). This involved establishing system for low viscous methanol fuel comprising of pressuring system, atomizers, ignitors and flame scanner suitable for methanol and will enable offering of methanol firing system as an alternative to Light Diesel Oil and Heavy Fuel Oils in Thermal Power Plants.
- ❖ Successfully completed design of Traction Converter panel for 6000 HP locomotive for ease of assembly, reduction in assembly time, reduction in delivery time and ease of maintenance.
- ❖ Successfully completed design, development, manufacturing and type testing of 100 kVA Rotary Frequency Converter (RFC) for upgraded Super Rapid Gun Mount (SRGM) for Defence application.
- ❖ Successfully designed, developed, manufactured and tested 2 kW Air Cycle Machine (ACM) based Liquid Cooling System (LCS) as per stringent military standards (EMI/EMC, Environmental and Power supply tests) for Light Combat Aircraft Mk-1.
- ❖ Successfully completed design and development of AC Micro Grid controller for the Power Conditioning System (PCS) of Battery Energy Storage System (BESS) to operate in both grid connected mode and AC Microgrid mode (i.e. islanded mode) in case of grid failure to meet the critical load demands. It also has Black Start capability i.e. to self-start in islanded mode.
- ❖ Developed 500 MVA, 765/400/33 kV, 1-phase Inter Connecting Transformer (ICT) meeting requirement of fixed I2R Loss, and without On Load Tap Changer (OLTC) as per CEA standard specification for Transformers and Reactors.
- ❖ Designed, manufactured & tested largest rating 2000 kW, 6.6 kV, 8 Pole Induction Motor in 630 mm center height frame. This motor is suitable for 50 Hz as well as 60 Hz supply frequency operations.
- ❖ Designed, manufactured & tested 4,900 kW, 11 kV, 4 Pole Alternator in optimized frame size for Turbine driven generator application.

“Make in India” initiatives :

- ❖ Designed and developed Electrics for non-AC EMU for ICF Chennai. The development comprising Traction Converter, Auxiliary Converter, Train Control & Management System (TCMS) software and Remote Monitoring System has been introduced as per “Make in India” scheme.
- ❖ Successfully indigenized Ceramic Pouring Tube for manufacturing of cast steel wheels at Rail Wheel Factory and completed the development orders of both Rail Wheel Factory, Yelahanka and Rail Wheel Plant, Bela.
- ❖ BHEL has in-house designed and developed Sucker Rod Pumping (SRP) unit (also known as Beam Pumping Unit) widely used in oil fields as an oil extraction machine which are largely imported from China.
- ❖ BHEL has developed in-house technology for flexible operations of Thermal Power plants and has successfully commissioned the same in one unit and demonstrated the performance parameters.
- ❖ Successfully completed indigenization of Integrated Compressor Control System. The development consists of design, manufacturing, testing and validation through software simulation tool of entire gamut of Anti- Surge Controller (ASC) and other related Compressor Control hardware and software packages.

OTHER MINERAL & METALS

E. NMDC Limited

- ❖ **Reduction roasting with hydrated iron ore from Bailadila sector :** 1000 Kg of lean grade ore containing high amount of goethite and alumina was subjected for reduction roasting experiment. This sample was subjected for reduction roasting in pilot scale microwave assisted furnace. Initially for trial purpose reduction was carried out at 6000C, 7000C and 8000C with an objective to convert goethite and hematite in to magnetite. Hydrogen and coal were used as reductant for the reduction studies.
- ❖ **Development of Dry Beneficiation process for upgradation of lean grade ore :** The R&D Centre has successfully demonstrated dry beneficiation of siliceous fines through dry magnetic separation. To improve the performance better, design modifications are in progress to incorporate enhanced operational versatilities. Most of these processes are primarily for particles less than 1 mm and operates at classified close sized feed. To explore the possibility of treating iron ore particles up to a size of 40 mm, the R&D Centre has procured Air jig, which is successful in coal industry. Studies are in progress for optimum utilization of low-grade resources adopting dry jigging technology.
- ❖ **Creation of modern coal characterization and coke making facility.** Coal lab comprising of coal and coke characterizations facilities including pilot scale coke making facility has been created at R&D centre in record time. Coal microscope was installed and commissioned in the current year. With addition of microscope, any kind of research activities related to coal and coke can be undertaken by R&D centre.

F. National Aluminium Company Limited

- ❖ **Patents Filed :** 42 patents have been filed since inception, out of which 28 have been granted and 8 have been commercialized and 05 patents were granted in financial 2022-23.
- ❖ **Twenty numbers of collaborative projects are in progress with various reputed institutes like IIT Bhubaneswar, IIT, Kharagpur, CSIR IMMT, JNARDDC, CSIR CECRI etc. Seven collaborative projects awarded during the year. Few of the significant projects are as listed under :**
 - ✦ Project on “Development of process and suitable medium for selective extraction of Gallium from Plant liquor and setting up a demo plant in Refinery” with BARC is in progress.
 - ✦ Project activity is in progress on ‘Technology development for holistic utilization of red mud’ between three industries, NALCO, HINDALCO & VEDANTA and three research institutes NML, IMMT & JNARDDC. Demonstration trials were conducted at all three institute and project is being monitored and reviewed on a regular basis.
 - ✦ Development of a process for Spent Pot line Carbon (hazardous waste) treatment and recovery of valuables is in progress with JNARDDC & IMMT.
 - ✦ A project on Aluminium air battery development is in progress with CSIR-CECRI.

PETROLEUM (REFINERY & MARKETING)

G. Indian Oil Corporation Ltd.

Major developments at IOCL R&D Centre are as follows :

- ❖ **Developments in Lubricants :** 58 OEMs & Customers approvals obtained for automobile / industrial / Defense /grease / MWO lubricants. 128 formulations issued during the year.
- ❖ **Patents :** In year 2022-23, collective research pursuits resulted in filing of 127 patents (36 in India and 91 overseas) taking the tally of total filed patents till 31st Mar 2023 to 1646. 155 patents were granted during 2022-23 taking IndianOil’s patent portfolio of effective patents to 1554.
- ❖ **Refining Technology Implementation :**
 - ✦ Successful commissioning and Performance Guarantee Test Run (PGTR) of 400 kTA grassroots indJet® unit conducted at Barauni Refinery, using in-house developed technology and catalyst for ATF production.

- ✦ Successful commissioning of 80 kTA grassroots indSelectG® unit for cracked gasoline desulfurization at Guwahati Refinery using in-house developed catalyst meeting product Sulphur of <5 ppmw & RON improvement of ~4.0 units.
- ✦ In-house developed Ind-CokerAT ® technology selected for 170-220 kTA DCU revamp at Digboi Refinery to handle additional heavy vacuum residue.
- ✦ Field trials at Army locations in Sikkim & Leh successfully completed using in-house formulated Low Sulphur Low Aromatics (LSLA) Kerosene with lesser smell, smoke & carbon deposits.
- ✦ Reliability Assessment Model developed for DHDT unit using machine learning algorithm to track catalyst life and help refiners decide on operational adjustments to extend life.

❖ **Fuel Differentiation :**

- ✦ In-house developed, novel AVGAS100 LL, formulation manufactured at Gujarat Refinery for use in turbocharged aircraft reciprocating piston engines to replace imported product.
- ✦ Green Combo solutions for Heavy duty vehicles i.e Xtragreen diesel with innovative lubricant solution of axle, gear and engine oils certified to provide ~ 9-10% fuel economy improvement by leading STU, Tata and Govt fisheries department.
- ✦ Field trial of in-house developed high-altitude Winter Grade Diesel for Army successfully completed giving excellent cold flow properties meeting BS-VI HSD and JSS specifications and operational requirements of cold startability, high mileage, excellent pickup, low emission performance and ease of handling.
- ✦ IndianOil R&D supported launch of MD15 national pilot trials in Bengaluru, Guwahati & Chennai.

❖ **Pipeline Research :**

- ✦ Successful design and fabrication of the largest and smallest ever IPIG tools of 28" and 8" diameters. With this, IndianOil now has indigenous tools to cover >95% of captive needs for inline inspection of crude and product pipelines of different sizes.
- ✦ Developed an in-house design for Vapour Recovery System with advantages of enhanced absorption efficiency, improved recovery and longer charcoal bed cycle life.
- ✦ Completed pipelines compatibility studies for Stress Corrosion Cracking (SCC) during E20 (20% percent ethanol blended in gasoline) transportation through multi-product pipeline.
- ✦ The indigenously developed INDScan® iPIG tools completed inspection of ~1000 km of pipelines since inception in July 2022.

❖ **Alternative Energy :**

- ✦ Fifty Surya Nutan solar cookstoves deployed for pilot trials in Leh, Lakshadweep, Gwalior, Udaipur and Delhi-NCR under conditions of varying solar radiation intensity and cooking habits.
- ✦ Hon'ble PM unveiled the Double cooktop variant of Indoor Solar Cooking Solution developed by IndianOil R&D during India Energy Week 2023 at Bengaluru.
- ✦ Licensing agreements were signed with empanelled vendors for transfer of technology for manufacturing, marketing, installation and after-sales service of Indoor Solar Cooking System.
- ✦ An indigenous cost-effective Type-3 composite cylinder prototype, developed with IIT-Kharagpur to store hydrogen at 350 bar, successfully passed the burst pressure and ambient pressure cycle tests.
- ✦ Project work to assess multiple hydrogen production pathways based on solar electrolysis, biomass gasification and bio-methanation of ~1 tonnes-per-day Green Hydrogen capacity is underway. Demo in 15 fuels cell buses to establish efficacy, efficiency and sustainability of production processes and fuel cell technology to specific Indian conditions will start from FY 2023-24.

- ✦ For pre-feasibility study of fuel cell technology for heavy duty applications, two prototype buses have been supplied by Tata Motors which are being refueled at the newly commissioned facility in Gujarat Refinery and running on MoRTH-approved routes in Vadodara

H. Hindustan Petroleum Corporation Limited :

During the year, the following products were launched :

- a. Power95 was launched during “Regional Managers Conference (RMC) 2023” at Pune in presence of Director-Refineries, Director-Marketing & Chief Vigilance Officer.**
- b. Lube products launched :**
 - i. HP Neosynth S 5W30
 - ii. HP Cruise Premium S 20W50
 - iii. HP Neosynth S 10W30
 - iv. WGP ENGINE OIL 15W40
 - v. SUPERNOVA GENUINE OIL
 - vi. Rakshak Engine Oil CI4 10W30
 - vii. Novel Synthetic Copper Drawing Oil
 - viii. HP Fine Blanking Oil
 - ix. HP Aluminium drawing Oil
 - x. HP Emulsifiable Cutting Oil
 - xi. Premium Long Drain CNG Engine Oil.
 - xii. B OIL HYDRAULIC FLUID for Bull Machines Coimbatore.
 - xiii. HP MILCY 15W 40 for Bazaar Lube segment
 - xiv. HP MILCY TURBO SUPREME 10W40 (G) for ITL

POWER GENERATION

I. NTPC Ltd

Some of products/ technologies developed during the year :

- ✦ 24 TPD Electro-Dialysis Reversal (EDR) System for treatment of STP water
- ✦ 20 TPD CO₂ capture block of 10 TPD CO₂ to Methanol plant at NTPC -Vindhyachal
- ✦ MSW 400 KWe MSW-RDF Enhanced Steam Gasification plant
- ✦ Development of Sea Water Electrolyzer in collaboration with RGIPT, Amethi

Specific projects under implementation during FY 22-23 :

Technology Projects :

Carbon capture and Utilization Technology

- ✦ 10 TPD ‘CO₂ to Methanol’ Demo Plant at NTPC- Vindhyachal
- ✦ 10 TPD ‘CO₂ to Ethanol’ Demo plant at NTPC-Lara
- ✦ Indigenous development of Catalyst & Reactor for conversion of CO₂ to Methanol in parallel
- ✦ Pre-feasibility assessment of CO₂ storage potential in Cat-1 Fields of India- with NCOE-CCUS, IIT-Bombay
- ✦ CO₂ based Carbonated Coarse Aggregate- with CBRI Roorkee

Hydrogen Technology

- ✦ 25 kW Green Hydrogen Based Micro Grid at NETRA campus.

- ✦ Development of Sea Water Electrolyzer for hydrogen production
- ✦ Development of High Temperature Steam Electrolyzer
- ✦ Development of Metal Hydride (MH) Based Static hydrogen storage and Compression

Water Technology

- ✦ 24 TPD Electro Dialysis Reversal plant at NTPC NETRA
- ✦ 240 TPD Non-Thermal Forward Osmosis based high recovery system
- ✦ 3600 TPD Electrocoagulation system at NTPC Solapur
- ✦ 4 MLD Activated Filter Media Plant at NTPC Dadri

Ash-Technology

- ✦ Development of Angular Shaped Coarse Aggregates from Fly Ash
- ✦ Fly Ash based Light Weight Aggregate Pilot Plant Setup at NTPC-Sipat
- ✦ FALG technology : 100 cum/day fly ash based angular shaped coarse aggregates plant

Waste to Energy

- ✦ 400 KWe MSW-RDF Enhanced Steam Gasification plant
- ✦ Development of 10 TPD 'Torrefied Pellet Manufacturing Plant for Agri-Waste' with Indian START-UP

TRANSPORTATION AND LOGISTIC SERVICES

J. GAIL (INDIA) LTD

During FY-2022-23, GAIL pursued the following major collaborative R&D projects in the thrust areas of Waste valorization & Waste water recycling, CO₂ separation, pipeline integrity management and Catalyst development etc.

- ✦ **Waste valorization & Waste water recycling:** Under waste valorization initiative, GAIL in collaboration with IIT-Roorkee is developing a co-gasification hydro thermal process for simultaneous valorization of lignocellulosic biomass with effluent water from petrochemical plant for production of hydrogen rich methane and nanometal- impregnated carbon hydrides as a byproduct. These byproducts can be used as electrocatalysts materials in fuel cell, battery applications etc.
- ✦ **CO₂ Separation :** GAIL is also carrying out a research project in association with IIT-Guwahati for development of a novel high-performance mixed-matrix membrane with high selectivity and permeability for efficient separation of CO₂ from natural gas. As on today different variants of amino/GO functionalized membranes and new metal organic framework are being synthesized and characterized and fine tuning of these membrane compositions and its characterization are in progress.
- ✦ **Pipeline integrity management :** GAIL is in the process of collaborating with IIT-Madras for the indigenous development of a fibre optic-based intrusion and leak detection system that shall use machine learning and big data analytics to predict actual intrusions incidents and early detection of gas leakages.
- ✦ **Catalysts Development :** In this area, GAIL is focusing on design and synthesis of chromium based single site catalyst for polymer (HDPE) production in collaboration with CSIR-NCL. At present, synthesis and characterization of supported ligands are in progress for improving its thermal stability.

Organisation and Management



5

Chapter 5

Organisation and Management

5.1 Organisational structure of CPSEs

The Department of Public Enterprises develops policy guidelines on organisational and Board structure of CPSEs. CPSEs are categorised into four schedules - Schedule 'A', Schedule 'B', Schedule 'C', and Schedule 'D' based on parameters that are both quantitative and qualitative in nature. The pay scales of Chief Executives and full-time Functional Directors of CPSEs are dependent on this categorisation. The factors that determine the categorisation of CPSEs have been listed in **Figure 5.1**.

Figure 5.1: Parameters for categorising CPSEs

Quantitative factors	Qualitative factors	Other factors
<ul style="list-style-type: none"> Capital Employed Net Sales Profit Before Tax Number of Employees and units Capacity Addition Revenue per Employees Sales/Capital Employed Capacity Utilisation Value Added per Employee 	<ul style="list-style-type: none"> National importance Complexities of problems faced by CPSE Level of technology Prospect for expansion Diversification of activities Competition from other sectors 	<ul style="list-style-type: none"> Capital Employed Share Price MoU Ratings Maharatna/ Navratna/ Miniratna status ISO Certification Critical strategic importance of concerned CPSE

As on 31st March, 2023, there were 187 Scheduled CPSEs which comprised 70 in Schedule 'A', 68 in Schedule 'B', 39 in Schedule 'C', and 5 in Schedule 'D'. Further, CPSEs are awarded Ratna status - Maharatna, Navratna, Miniratna-I and Miniratna-II according to their financial performance and operations which devolves greater autonomy to these CPSEs in financial and administrative matters. Maharatna status provides greatest devolution of autonomy, followed by Navratna, Miniratna-I and Miniratana-II have been given in **Figure 5.2**. As of March 2023, 12 CPSEs were classified as Maharatna, 12 as Navratna, 62 as Miniratna-I, and 11 as Miniratna-II. Details of Schedule and Ratna Category of CPSEs is provided at **Appendix IX**.

Figure 5.2: Eligibility criteria for and devolution of autonomy to Maharatna, Navratna and Miniratna CPSEs

Miniratna- II	Miniratna- I	Navratna	Maharatna
<ul style="list-style-type: none"> Should have made profit for past three years continuously Positive network <p><u>Powers to Board :</u></p> <ul style="list-style-type: none"> Board of Directors have the power to undertake M&A To incur capital expenditure on new projects, modernisation, purchase of equipment upto 250 crore, or 50% of their network (whichever is lower) 	<ul style="list-style-type: none"> Should have made profit for past three years continuously Positive network <p><u>Powers to Board :</u></p> <ul style="list-style-type: none"> Board of Directors have the power to undertake M&A To incur capital expenditure on new projects, modernisation, purchase of equipment up to ₹500 crore, or equal to their network (whichever is lower) 	<ul style="list-style-type: none"> Miniratna category-I status, Schedule A CPSE, with Excellent or —very good' MOU rating in three of the last five years A score of at least 60 in six selected performance parameters <p><u>Powers to Board :</u></p> <ul style="list-style-type: none"> Board of Directors have the power to undertake M&A 	<ul style="list-style-type: none"> Having Navratna status Average annual turnover of at least ₹25,000 crore, average network of ₹15,000 crore and average net profit of 5,000 crore (in the past three years) Listed on an Indian stock exchange with minimum prescribed shareholding under SEBI regulations Significant global presence/ international operations

(Cont.)

Miniratna- II	Miniratna- I	Navratna	Maharatna
<ul style="list-style-type: none"> Authority to undertake equity investment to establish JV and subsidiaries in India up to ₹250 crore in any project or up to 15% of networth of CPSE (overall limit of 30% of all investment in JV and subsidiaries) 	<ul style="list-style-type: none"> Authority to undertake equity investment to establish JV and subsidiaries in India up to ₹500 crore in any project or up to 15% of networth of CPSE (overall limit of 30% of all investment in JV and subsidiaries) Pre-tax profit of ₹30 crore or more in at least one of the three years 	<ul style="list-style-type: none"> Acquire raw material assets abroad through M&A or investment in JV/ subsidiary up to ₹3,000 crore (or 25% of NW) in one project upto total 40% of NW in all projects combined Incur CAPEX without any monetary ceiling Enter into technology JV or strategic alliances Obtain by purchase or other arrangements, technology and knowhow Effect organizational restructuring Structure and implement schemes related to personnel and HRM Raise debt from domestic capital markets and international markets CMD empowered to approve international business tours Holding companies empowered to transfer assets, float fresh equity and divest shareholding Investment decisions upto ₹1,000 crore (or 15% of NW) in one project upto total 30% of NW in all projects combined Create below Board level post upto E-6 level 	<p><u>Powers to Board :</u></p> <ul style="list-style-type: none"> Board of Directors have the power to undertake M&A Acquire raw material assets abroad through M&A or investment in JV/ subsidiary up to ₹5,000 crore (or 25% of NW) in one project upto total 40% of NW in all projects combined Incur CAPEX without any monetary ceiling Enter into technology JV or strategic alliances Obtain by purchase or other arrangements, technology and knowhow Effect organizational restructuring Structure and implement schemes related to personnel and HRM Raise debt from domestic capital markets and international markets CMD empowered to approve international business tours Holding companies empowered to transfer assets, float fresh equity, and divest shareholding Investment decisions up to ₹5,000 crore (or 15% of NW) in one project upto total 30% of NW in all projects combined Create below Board level post upto E-9 level

5.2 Professionalization of Board of CPSEs

The Department of Public Enterprises (DPE) had issued the following policy guidelines on the Board structure of CPSEs:

- i) External professionals should be inducted on the Boards of CPSEs as part-time, Non-Official Directors.
- ii) Number of Non-Official Directors should be at least one-third of the actual strength of the Board.
- iii) In the case of listed CPSEs headed by an Executive Chairman, the number of Non-Official Directors (Independent Directors) should be at least half the strength of the Board.
- iv) The number of Government Directors on the Boards should not be more than one-sixth of the actual strength of the Board subject to a maximum of two.
- v) Number of Functional Directors on each Board should not exceed 50% of the actual strength of the board.

Guidelines on Board structure also provide the following eligibility criteria for appointment of Non-Official Directors on the Boards of CPSE:

A. Criteria for experience

- i) Retired Government officials with a minimum experience of 10 years at Joint Secretary level or above
- ii) Persons who have retired as CMD/CEOs of CPSEs and Functional Directors of Schedule 'A' CPSEs. The Ex-Chief Executives and Ex-Functional Directors of CPSEs will not be considered for appointment as Non-Official Directors 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 Departments and Professors having over 10 years of teaching or research experience in the relevant domain e.g. management, finance, marketing, technology, human resources, or law.
- iv) Professionals of repute having over 15 years of experience in fields relevant to the company's area of operations.
- v) Former CEOs of private companies if the company is (a) listed on 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 stock exchanges may also be considered for appointment as part-time Non-Official Directors on the Boards of CPSEs in exceptional circumstances.

B. 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.

C. Appointment in number of CPSEs at the same time

A person cannot be appointed as Non-Official Director on the Boards of more than three CPSEs at the same time.

D. Directorship in private companies

A person being considered for appointment as Non-Official Director on the Board of any CPSE should not hold directorship in more than 10 private companies.

E. Appointment of non-official directors

Concerned administrative Ministries/Departments of CPSE initiate the process of appointment of Non-Official Directors. The selection of Non-Official Directors is undertaken by a search committee. The members of this committee comprise secretaries of Department of Personnel Training (DoPT), DPE, and the administrative ministry/department of the concerned CPSE, and two Non-Official Members. The concerned administrative Ministry/Department appoints the Non-Official Directors on the basis of recommendations of the search committee after obtaining the approval of the competent authority.

5.3 Employment in CPSEs

CPSEs across sectors employed 14,90,490 persons as of FY 2022-23 as against 14,55,446 in FY 2021-22 (2.41% increase). Category-wise number of employees are given in **Table 5.1**.

Table 5.1: Break up of total employment for FY 2021-22 and FY 2022-23.

S No.	Category	Number of Employees		Change	
		2021-22	2022-23	No.	%
1	Regular Employees	8,39,956	8,42,880	2,924	0.35
2	Casual / daily Rate workers & Contract Worker/Employees	6,15,490	6,47,610	32,120	5.22
	Total	14,55,446	14,90,490	35,044	2.41

5.3.1 Cognate group-level employment

Coal, Petroleum (Refinery & Marketing), Defence Production, Power Generation and Steel cognate groups had the highest employment in FY 2022-23. Cognate group-wise employment data is provided in **Table 5.2**.

Table 5.2: Cognate group-wise employment data in FY 2022-23.

S. No.	Category	Managerial/ Executive	Supervisory		Non-Executives		Total Regular Employees	Casual / daily Rate workers & Contract Worker/ Employees	Total	% w.r.t. total employees in all CPSEs
			Unionised	Non-Unionised	Skilled	Un-Skilled				
1	Agro based industries	218	76	121	1,162	425	2,002	337	2,339	0.16%
2	Chemicals & Pharmaceuticals	913	113	71	899	217	2,213	1,635	3,848	0.26%
3	Coal	15,479	30,488	-	89,630	1,00,753	2,36,350	1,03,061	3,39,411	22.77%
4	Contract & construction and tech. Consultancy services	10,344	3,004	1,809	5,001	1,679	21,837	9,858	31,695	2.13%
5	Crude Oil	18,298	2,148	-	10,920	2,412	33,778	3,446	37,224	2.50%
6	Defence Production	26,126	5,715	9,499	66,229	1,851	1,09,420	47,021	1,56,441	10.50%
7	Fertilizers	3,382	713	584	3,155	213	8,047	8,416	16,463	1.10%
8	Financial Services	2,175	322	76	157	139	2,869	409	3,278	0.22%
9	Heavy & Medium Engineering	14,440	92	4,844	17,893	815	38,084	38,519	76,603	5.14%
10	Hotel And Tourist Services	466	46	632	976	164	2,284	1,289	3,573	0.24%
11	Industrial And Consumer Goods	1,231	929	681	5,136	14,507	22,484	6,415	28,899	1.94%
12	Other Minerals & Metals	4,822	468	501	10,814	7,800	24,405	20,652	45,057	3.02%
13	Petroleum (Refinery & Marketing)	32,337	4,372	-	15,384	1,263	53,356	1,65,605	2,18,961	14.69%
14	Power Generation	24,105	23	3,272	17,570	2,585	47,555	63,946	1,11,501	7.48%
15	Power Transmission	5,180	-	2,116	1,752	11	9,059	1,057	10,116	0.68%
16	Steel	14,925	5,174	5	50,251	4,041	74,396	82,028	1,56,424	10.49%
17	Telecommunication & Information Technology	31,837	256	16	31,925	880	64,914	16,772	81,686	5.48%

(Cont.)

S. No.	Category	Managerial/ Executive	Supervisory		Non-Executives		Total Regular Employees	Casual / daily Rate workers & Contract Worker/ Employees	Total	% w.r.t. total employees in all CPSEs
			Unionised	Non-Unionised	Skilled	Un-Skilled				
18	Textiles	265	188	81	2,887	836	4,257	6,723	10,980	0.74%
19	Trading & Marketing	6,625	16,652	62	1,852	27,044	52,235	731	52,966	3.55%
20	Transport And Logistic Services	18,160	3,721	555	5,777	3,515	31,728	38,960	70,688	4.74%
21	Under Construction	1,206	5	153	229	14	1,607	30,730	32,337	2.17%
	Grand Total :	2,32,534	74,505	25,078	3,39,599	1,71,164	8,42,880	6,47,610	14,90,490	100%

5.3.2 Share of Regular and Casual/Contractual worker employees

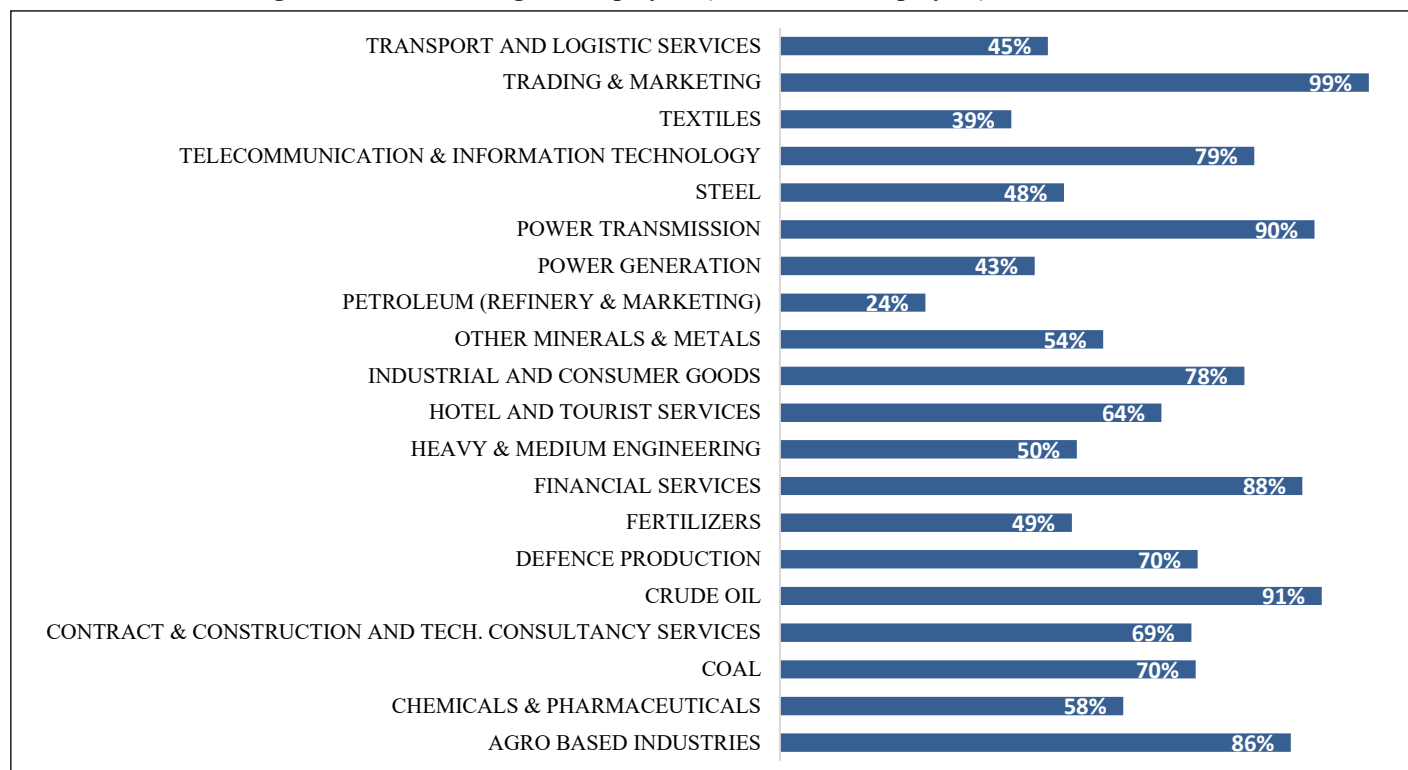
In CPSEs, employment is categorised into various roles viz. Managerial, Supervisory, Non-executive, Casual and Contractual. In FY 2022-23, the share of regular employment was 58% of the total employment in CPSEs. Details has been provided in **Table 5.3**.

Table 5.3: Composition of Regular and Casual/Contractual employees.

S.No.	Category	Number of Employees	%	Number of Employees	%
		2021-22		2022-23	
1	Regular Employees	8,39,956	58%	8,42,880	57%
2	Casual / daily Rate workers & Contract Worker/Employees	6,15,490	42%	6,47,610	43%
Total		14,55,446		14,90,490	

The regular to casual/contractual employee ratio varies across sectors and levels. Highest share of Regular employees was in Trading and Marketing, Crude oil and Power Transmission in FY 2022-23. (**Figure 5.3**)

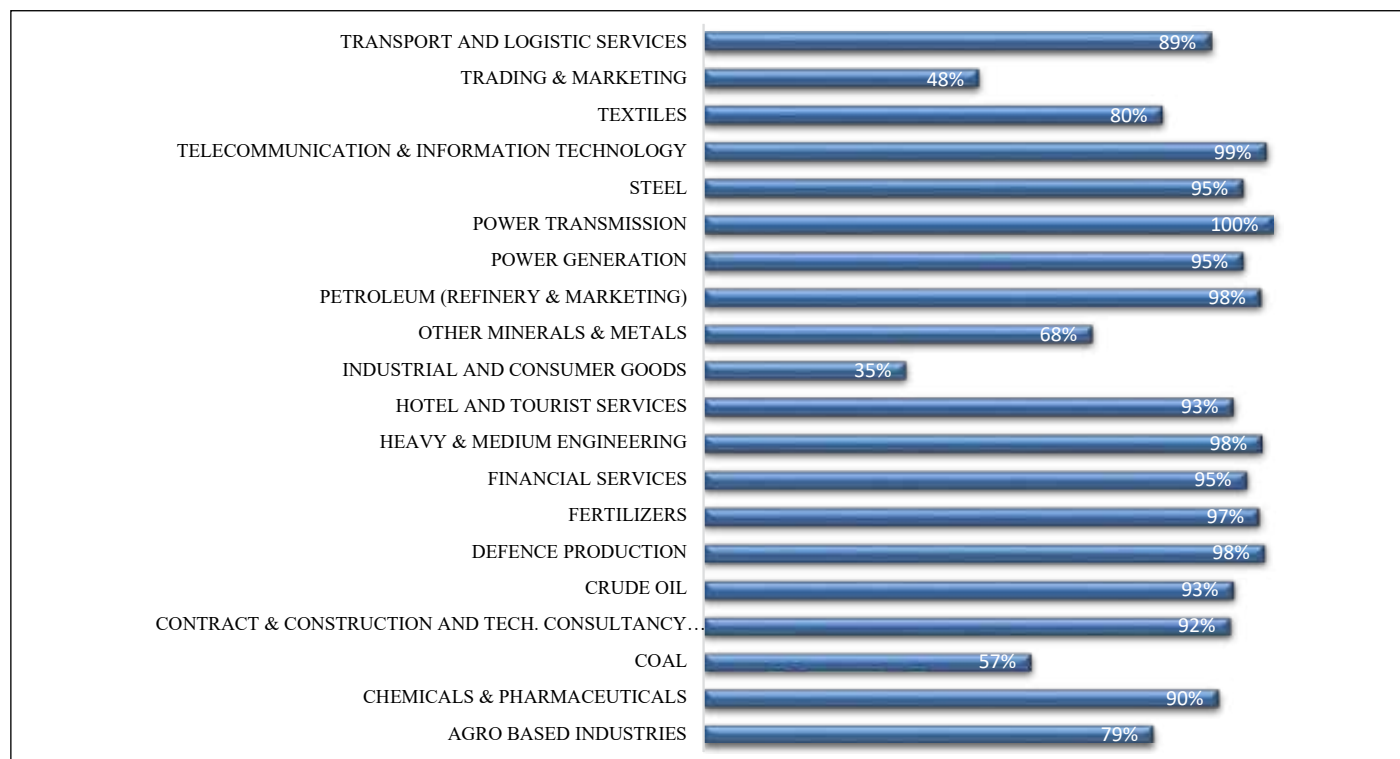
Figure 5.3: Share of Regular employees (as % of total employees) for FY 2022-23.



5.3.3 Share of skilled employees among regular employees

The majority of regular employees of CPSEs are skilled. The share of skilled employees as a percentage of total regular employees stood at 79.69% (6,71,716 persons) in FY 2022-23. Transportation, Vehicles and Equipment, Telecommunication and Information Technology, and Power Transmission cognate groups had the highest share of skilled regular employees while those in Industrial and Consumer Goods, Trading & Marketing and Coal had the lowest share of skilled regular employees. (Figure 5.4).

Figure 5.4: Cognate Group wise share of skilled regular employees as % of total Employees in FY 2022-23



5.3.4 Women employment in CPSEs

In FY 2022-23, women constituted 8.88% of total employees in CPSEs. The numbers decreased to 74,867 in FY 2022-23 from 76,678 in FY 2021-22. (Figure 5.5)

Figure 5.5: Share of women employees in CPSEs.

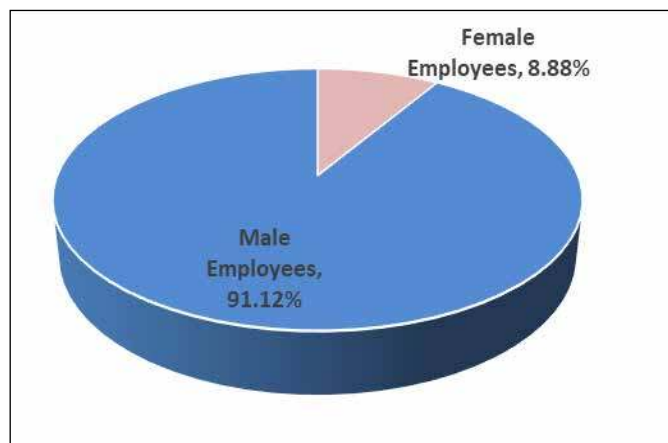
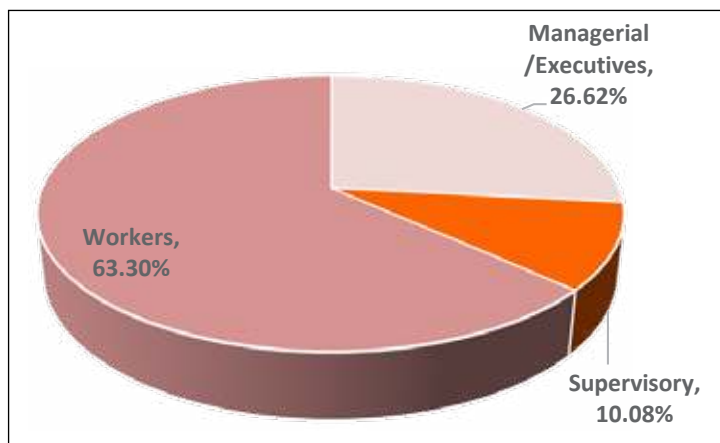


Figure 5.6: Share of women employees at different levels.



26.62% of total women in CPSEs are present at managerial / executive level while 10.08% at supervisory level and 63.30% in worker categories. (Figure 5.6)

Coal, Defence Production and Telecommunication & Information Technology cognate groups employed highest number of women as a percentage to their total employees. Number of women employed in different cognate groups has been provided in **Table 5.4**.

Table 5.4: Women employment in cognate group

S. No	Cognate Group / CPSE	Managerial /Executives	Supervisory	Workers Skilled	Workers Unskilled	Total
1	Agro Based Industries	19	2	85	21	127
2	Chemicals & Pharmaceuticals	87	22	50	48	207
3	Coal	1,127	2,397	2,720	13,507	19,751
4	Contract & construction and tech. Consultancy services	977	607	186	227	1,997
5	Crude Oil	1,775	192	615	124	2,706
6	Defence Production	2,816	1,635	4,404	331	9,186
7	Fertilizers	278	91	196	12	577
8	Financial Services	555	112	20	19	706
9	Heavy & Medium Engineering	1,671	401	562	70	2,704
10	Hotel And Tourist Services	71	88	55	2	216
11	Industrial And Consumer Goods	129	136	223	6,968	7,456
12	Other Minerals & Metals	288	72	513	1,081	1,954
13	Petroleum (Refinery & Marketing)	3,319	517	737	49	4,622
14	Power Generation	2,011	211	1,687	274	4,183
15	Power Transmission	516	145	99	4	764
16	Steel	1,196	53	2,572	311	4,132
17	Telecommunication & Information Technology	325	33	7,193	219	7,770
18	Textiles	44	17	1,120	76	1,257
19	Trading & Marketing	211	148	48	37	444
20	Transport And Logistic Services	2,429	656	465	410	3,960
21	Under Construction	88	10	49	1	148
	Total	19,932	7,545	23,599	23,791	74,867

CPSEs provide maternity benefits to eligible employees as per Maternity Benefit Act, 1961 (Amended Act 2017). The CPSEs have also 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 workplaces have also been incorporated. This, inter-alia, includes that every employee who is in-charge of a workplace shall take appropriate steps to prevent sexual harassment of 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.

5.3.5 Divyangjan employment in CPSEs

The 254 operating CPSEs employed 10,574 Divyangjan employees as on March 31, 2023. The percentage of Divyangjan employees as a percentage of total employment was about 1.26% as on March 31, 2023. (**Table 5.5**)

Table 5.5: Divyangjan employment in CPSEs.

Level	Total Employees	Total Divyangjan Employees	Divyangjan employees as % of total employees
Managerial/Executive	2,31,236	3,986	1.72%
Supervisors	99,425	1,595	1.60%
Workers	5,10,451	4,993	0.98%
Total	8,41,112	10,574	1.26%

CPSEs work towards inclusion and equitable representation of Divyangjan in employment as per the provisions of the Rights of Persons with Disabilities Act, 2016 and terms of rules framed in this regard by M/o Social Justice & Empowerment, D/o Empowerment of Persons with Disability.

5.3.6 Representation of SCs/STs/OBCs in CPSEs

The representation of SCs / STs / OBCs as on 31.03.2023 based on the information provided by operating CPSEs is given in **Figure 5.7**. **Table 5.6** shows that out 8.41 lakh total employees, 4.27 lakh employees are from the reservation category comprising 1.44 lakh (17.17%) from the SC, 0.83 lakh (9.86%) from the ST and 2 lakh (23.77%) from the OBC category

Figure 5.7 Representation of SCs/STs/OBCs

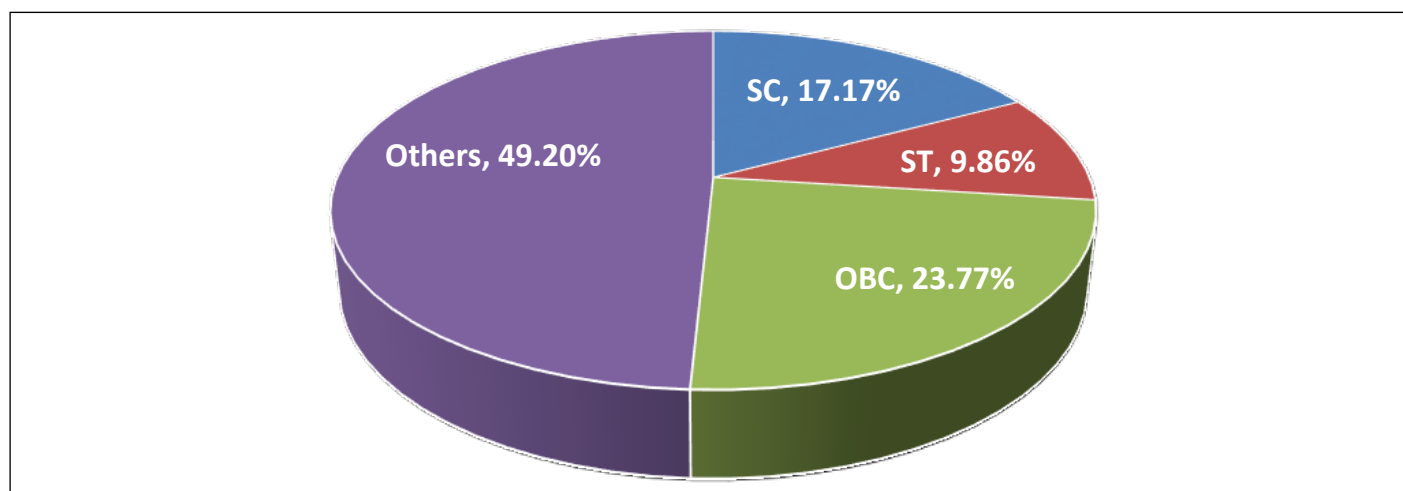


Table 5.6: Representation of SCs/STs/OBC in CPSEs as on 31.03.2023.

Group	Total No. of Emp.	Representation of SCs, STs and OBCs in the CPSEs as on 31.3.2023					
		SC	%	ST	%	OBC	%
Managerial/Executives	2,31,236	38,851	16.80%	16,820	7.27%	53,290	23.05%
Supervisors	99,425	14,548	14.63%	7,174	7.22%	19,978	20.09%
Workers (Skilled)	3,39,326	64,334	18.96%	38,003	11.20%	88,854	26.19%
Workers (Un-Skilled)	1,71,125	26,709	15.61%	20,938	12.24%	37,777	22.08%
Total	8,41,112	1,44,442	17.17%	82,935	9.86%	1,99,899	23.77%

Monitoring & Evaluation



6

Chapter 6

Monitoring & Evaluation

6.1 Memorandum of Understanding (MoU)

6.1.1 Memorandum of Understanding : A Memorandum of Understanding (MoU) is a negotiated agreement between the administrative Ministry/ Department and the management of respective Central Public Sector Enterprises (CPSEs). Under this, CPSEs undertake to achieve targets set in the MoU normally at the beginning of the year. In MoU evaluation, the performance of CPSEs on selected parameters is compared with the determined targets. The inclusion of a MoU helps make ‘management’ of the enterprise accountable to the government.

6.1.2 Scope : All CPSEs (Holding as well as Subsidiaries) are required to sign a MoU annually. The holding CPSEs sign the MoU with their Administrative Ministries/ Departments, while the subsidiaries sign the MoU with their respective holding companies. The table below depicts year-wise data of MoU signed over the previous year. The number of MoU signing CPSEs has decreased over the period due to various reasons such as the closure of CPSEs, merging of the subsidiaries with holding companies and their MoU on consolidated basis, exemption from signing of MoU for sick/ under closure/ under-construction/ non-operational CPSEs or other grounds as per the recommendation from the Administrative Ministry.

Table 6.1 Details of MoU signing

Year	MoU signed	Year	MoU signed
1987-88	4	2011-12	197
1991-92	72	2012-13	196
2001-02	104	2013-14	197
2002-03	100	2014-15	214
2003-04	96	2015-16	215
2004-05	99	2016-17	231
2005-06	102	2017-18	196
2006-07	113	2018-19	165
2007-08	144	2019-20	144
2008-09	147	2020-21	124
2009-10	197	2021-22	107
2010-11	198	2022-23	88

6.1.3 Institutional arrangements for implementation of MoU Policy :

- a) **High Powered Committee (HPC):** The High Powered Committee is the Apex body under MoU system for laying policy guidelines. HPC is headed by the Cabinet Secretary and comprises following members : CEO (NITI Aayog), Finance Secretary, Secretary (Expenditure), Secretary (Statistics & Programme Implementation), Chairman (Public Enterprises Selection Board), Chief Economic Advisor (Economic Affairs) and Secretary (DPE).
- b) **Inter-Ministerial Committee (IMC):** The IMC finalise the sectoral template/ CPSE wise MoU parameters. The purpose of sectoral templates is to select and identify the parameters and weightages relevant to the core business activities in that sector and or CPSE. IMC will also set the requisite levels of performance against each of the parameters, so decided, as benchmarked targets. The IMC comprises Secretary (DPE) as Chairman, Representatives of Chief Economic Advisor (Department of Economic Affairs), Department of Expenditure, MoSPI, NITI Aayog and Secretary/ representative of Administrative Ministry as special invitee and any other expert co-opted on need basis.

6.1.4 MoU Framework (FY 2021-22 & onwards): Based on the recommendations of the HPC, the framework for MoU System using an online dashboard for the target setting and performance evaluation of CPSEs has been put in place and made applicable from FY 2021-22 & onwards. The parameters included in the revised MoU process are market oriented, reflecting the shareholders’ interest in terms of growth in revenue, EBITDA margin, return on net worth, return on capital employed, asset turnover ratio, and market capitalization. Adequate weightage has also been given to production linked parameters pertaining to CPSE’s core operations. All the parameters are quantifiable and verifiable from the documents in public domain. Besides, certain government’s priorities/ programmes such as procurement from MSEs, CSR, etc. have also been included for compliance by CPSEs, the non-compliance

of which would result in deduction of marks. The revised MoU framework also provides for benchmarking based on growth and emerging trends of the sector, vision that has been worked by the Ministry about the sector, and peer performance.

6.1.5 MoU Score and Rating : The CPSEs will be allotted marks proportionately for achievement of target figure for each parameter. Score on all parameters would be added to arrive at MoU score. The rating system of CPSEs based on the MoU 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

6.1.6 MoU Assessment Outcomes :

6.1.6.1 The year wise figures for signed MoU and evaluation for CPSEs is tabulated below :

Particulars	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Total MoUs Signed	196	165	144	124	107	88
Evaluation Report Submitted	186	144	140	122	102	*

*MOU evaluation for FY 2022-23 is under process

6.1.6.2 A comparison of the MoU ratings secured by the CPSEs during the last 5 years is as under:

Rating	Number of CPSEs under each rating over years				
	2017-18	2018-19	2019-20	2020-21	2021-22
Excellent	49	42	25	22	25
Very Good	41	38	34	40	32
Good	36	30	32	27	25
Fair	39	16	25	21	11
Poor	21	18	24	14@	14*
Total	186	144	140	124	107

@ Including 2 CPSEs which failed to submit Evaluation Report

* Including 5 CPSEs which failed to submit Evaluation Report

6.2. Capital Expenditure (CAPEX)

Department of Public Enterprises monitors and reviews the capital projects and expenditure in CPSEs. CAPEX means any expenditure incurred towards acquisition/ addition of fixed assets or projects that on completion would form a part of fixed assets. It may be for expansion, modernization or diversification. CAPEX may be decided on the basis of viable projects available for expansion, modernization or diversification, cash and bank balance or parked funds, net-worth, borrowings, etc. Based on the figures provided by the Administrative Ministries and the Statement-26 of Budget document of the Union Government, targets for CAPEX are prescribed in the MoUs of CPSEs. In addition to this, CAPEX for select CPSEs having annual CAPEX targets of more than Rs.500 crore (subsequently more than Rs.100 cr. from FY 2022-23) is also compiled and submitted to PMO & D/o Economic Affairs on a monthly basis. The CAPEX performance of select CPSEs is as follows :

Year	CAPEX Target (₹ cr.)	CAPEX Achievement (₹ cr.)	CAPEX Achievement (%)
2018-19	2,12,952	1,98,334	93.13
2019-20	2,12,945	1,98,665	93.29
2020-21	2,17,364	2,04,243	92.73
2021-22	2,43,378	2,27,862	93.62
2022-23	2,66,767	2,80,404	105.11

Corporate Social Responsibility, Public Procurement from MSEs and through GeM



7

Chapter 7

Corporate Social Responsibility, Public Procurement from MSEs and through GeM

7.1 Corporate Social Responsibility (CSR)

In compliance with Section 135 of the Companies Act, 2013 & provisions of the Companies (CSR Policy) Rules, 2014 which took effect from April 1, 2014, all companies (including CPSEs) with a Net Worth of at least ₹500 crore, or a minimum turnover of ₹1,000 crore, or a minimum Net Profit of ₹5 crore are required to spend at least 2% of their average Net Profit for the immediately preceding three Financial Years on CSR activities as per the items listed in Schedule VII of Companies Act, 2013 (Figure 7.1). Such companies need to constitute a CSR Committee of the Board consisting of three or more Directors, of which at least one shall be an Independent Director.

The CSR Committee formulates and recommends to the Board, a CSR policy indicating the activities to be undertaken by the company as specified in Schedule VII; recommends the amount of expenditure on the activities; & periodically monitors the CSR policy of the company.

The Board of every such company must : i) approve the CSR policy of the company, disclose contents of such policy in its report, and place it on the company's website, after factoring in the recommendations made by the CSR Committee ; & ii) ensure that the activities included in the CSR policy of the company (including CPSEs) are undertaken.

Figure 7.1: CSR as per the Companies Act, 2013



As per the provisions in Section 135 (5) of the Companies Act 2013, companies must give preference to the local area & areas where it operates, for spending the amount earmarked for CSR activities. In case the companies fail to spend 2% of their average Net Profit for the last three Financial Years or any part thereof, they must provide reasons for not spending the amount in their Board reports made under Clause (o) of Sub-section (3) of Section 134.

The Ministry of Corporate Affairs, vide their notification dated 22nd January, 2021, has notified a number of important provisions regarding CSR & these are briefly explained as under :

Definition: Corporate Social Responsibility (CSR) means the activities undertaken by a Company in pursuance of its statutory obligation laid down in section 135 of the Act in accordance with the provisions contained in these rules, but shall not include the following, namely :

- Activities undertaken in pursuance of normal course of business of the company provided that any company engaged in Research & Development activity of new vaccine, drugs & medical devices in their normal course of business may undertake research & development activity of new vaccine, drugs & medical devices related to COVID-19 for financial years 2020-21, 2021-22, 2022-23 subject to the conditions that (a) Such Research & Development activities shall be carried out in collaboration with any of the institutes or organisations mentioned in item (ix) of Schedule VII to the Act; (b) details of such activity shall be disclosed separately in the Annual report on CSR included in the Board's Report;
- Any activity undertaken by the company outside India except for training of Indian sports personnel representing any State or Union Territory at national level or India at international level;
- Contribution of any amount directly or indirectly to any political party under section 182 of the Act;
- Activities benefitting employees of the company as defined in clause (k) of section 2 of the Code on Wages, 2019 (29 of 2019);
- Activities supported by the companies on sponsorship basis for deriving marketing benefits for its products or services;

(vi) Activities carried out for fulfilment of any other statutory obligations under any law in force in India ;

CSR Implementation - The Board shall ensure that the CSR activities are undertaken by the company itself or through –

- (a) Company established under section 8 of Act, or a registered Public Trust or a registered Society, registered under section 12A & 80 G of the Income Tax Act, 1961 (43 of 1961), established by the company, either singly or along with any other company, or
- (b) A company established under section 8 of the Act or a registered Trust or a registered Society, established by the Central Government or State Government ; or
- (c) Any entity established under an Act of Parliament or a State legislature ; or
- (d) A company established under section 8 of the Act, or a registered public trust or a registered society, registered under section 12A & 80G of the Income Tax Act, 1961 & having an established track record of at least three years in undertaking similar activities.

It has also been provided that every entity who intends to undertake any CSR activity, shall register itself with the Central Government by filling the form CSR-1 electronically with the Registrar, with effect from 01st April 2021

A company may engage international organizations for designing, monitoring & evaluation of the CSR projects or programmes as per its CSR policy as well as for capacity building of their own personnel for CSR.

A company may also collaborate with other companies for undertaking projects or programmes or CSR activities in such a manner that the CSR committees of respective companies are in a position to report separately on such projects or programmes in accordance with these rules.

The Board of a company shall satisfy itself that the funds so disbursed have been utilised for the purposes & in the manner as approved by its & the Chief Financial Officer or the person responsible for financial management shall certify to the effect.

In case of ongoing project, the Board of a Company shall monitor the implementation of the project with reference to the approved timelines & year-wise allocation & shall be competent to make modifications, if any, for smooth implementation of the project within the overall permissible time period.

The CSR Committee shall formulate & recommend to the Board, an annual action plan in pursuance of its CSR policy, which shall include the following, namely;

- a. The list CSR projects or programmes that are approved to be undertaken in areas or subjects specified in Schedule VII of the Act;
- b. The manner of execution of such projects or programmes as specified in sub-rule (1) of rule 4;
- c. The modalities of utilisation of funds & implementation schedules for the projects or programmes;
- d. Monitoring & reporting mechanism for the projects or programmes; &
- e. Details of need & impact assessment, if any, for projects or programmes completed.

CSR Expenditure - The board shall ensure that the administrative overheads shall not exceed five percent of total CSR expenditure of the company for the financial year.

Any surplus arising out of the CSR activities shall not form part of the business profit of a company & shall be ploughed back into the same project or shall be transferred to the Unspent CSR Account & spent in pursuance of CSR policy & annual action plan of the company or transfer such surplus amount to a Fund specified in Schedule VII, within a period of six months of the expiry of the financial year

Where a company spends an amount in excess of requirement provided under sub-section (5) of section 135, such excess amount may be set off against the requirement to spend under sub-section (5) of section 135 up to immediate succeeding three financial years subject to the conditions that —

- i. The excess amount available for set off shall not include the surplus arising out of the CSR activities, if any, in pursuance of sub-rule (2) of this rule.

- ii. The Board of the company shall pass a resolution to that effect. The CSR amount may be spent by a company for creation or acquisition of a capital asset, which shall be held by –
 - (a) A company established under section 8 of the Act, or a Registered Public Trust or Registered Society, having charitable objects & CSR Registration Number under sub-rule (2) of rule 4; or
 - (b) Beneficiaries of the said CSR project, in the form of self-help groups, collectives, entities; or
 - (c) A public authority

CSR Reporting - The Board's Report of a company covered under these rules pertaining to any financial year shall include an annual report on CSR containing particulars as specified.

Every company having average CSR obligation of ten crore rupees or more in pursuance of sub-section (5) of section 135 of the Act, in the three immediately preceding financial years, shall undertake impact assessment, through an independent agency, of their CSR projects having outlays of one crore rupees or more, & which have been completed not less than one year before undertaking the impact study. The impact assessment reports shall be placed before the Board & shall be annexed to the annual report on CSR. A Company undertaking impact assessment may book the expenditure towards Corporate Social Responsibility for that financial year, which shall not exceed five percent of the total CSR expenditure for that financial year or fifty lakh rupees, whichever is less.

Display of CSR activities on its website - The Board of Directors of the Company shall mandatorily disclose the composition of the CSR Committee, & CSR Policy & Projects approved by the Board on their website, if any, for public access.

Transfer of unspent CSR amount - Until a fund is specified in Schedule VII for the purposes of sub-section (5) and (6) of section 135 of the Act, the unspent CSR amount, if any, shall be transferred by the company to any fund included in schedule VII of the Act.

CSR related activities in DPE

- 1) Department of Public Enterprises has prescribed the common theme as “Health & Nutrition” for the Financial Year 2022-23 and the same theme has been prescribed for the ongoing Financial Year 2023-24 as well.
- 2) Department of Public Enterprises, in association with SCOPE, organized CPSEs Roundtable & Exhibition-2023 on 25-26 September, 2023 at New Delhi. The CSR roundtable was focused on CSR interventions and achievements of CPSEs in Aspirational Districts. Seven technical sessions covering CSR Ecosystem in Aspirational Districts were organized in CSR Roundtable with participants from sectoral Ministry/Department, District authorities, NITI Aayog, Central Public Sector Enterprises (CPSEs) and Implementing Agencies. DPE in consultation with line ministries/departments and NITI Aayog had highlighted the specific themes to be taken up in Aspirational Districts through CSR initiatives of CPSEs in consonance with the National priorities.
- 3) Department of Public Enterprises (DPE) has set up a CSR Technical Support Unit (TSU), responsible for strategizing and operationalizing Corporate Social Responsibility (CSR) activities through collaborative approach with concerned sectoral Ministry/Department, District authorities, NITI Aayog, Central Public Sector Enterprises (CPSEs) and Implementing Agencies. CSR-TSU acts as first point of contact in the DPE for all CSR related activities.
- 4) DPE has signed a letter of Collaboration with UNICEF in the field of CSR as the knowledge partner. The aim of the collaboration is to facilitate UNICEF to work as a Knowledge Partner with DPE for effective and strategic utilization of their CSR expenditure of CPSEs.

Top 10 CPSEs undertaking CSR Expenditure (₹crore)

The total CSR Expenditure for the year FY2022-23 stood at ₹4,128 crore showing a decline of 9.94% as compared to previous year. A total of 166 CPSEs undertook CSR activities during FY2022-23 incurring a total expenditure of ₹4,128 crore. The list of top 10 CPSEs undertaking CSR expenditure during FY 2022-23 is given in **Figure 7.2**

Figure 7.2: Top 10 CPSEs undertaking CSR Expenditure (₹crore)

About 59.42 % of total CSR expenditure is contributed by the below 10 CPSEs during FY 2022-23. The activity-wise break-up of total CSR expenditure for FY 2022-23 is given in **Table 7.1** and **Figure 7.3**.

Figure 7.2: Top 10 CPSEs undertaking CSR Expenditure (₹crore)

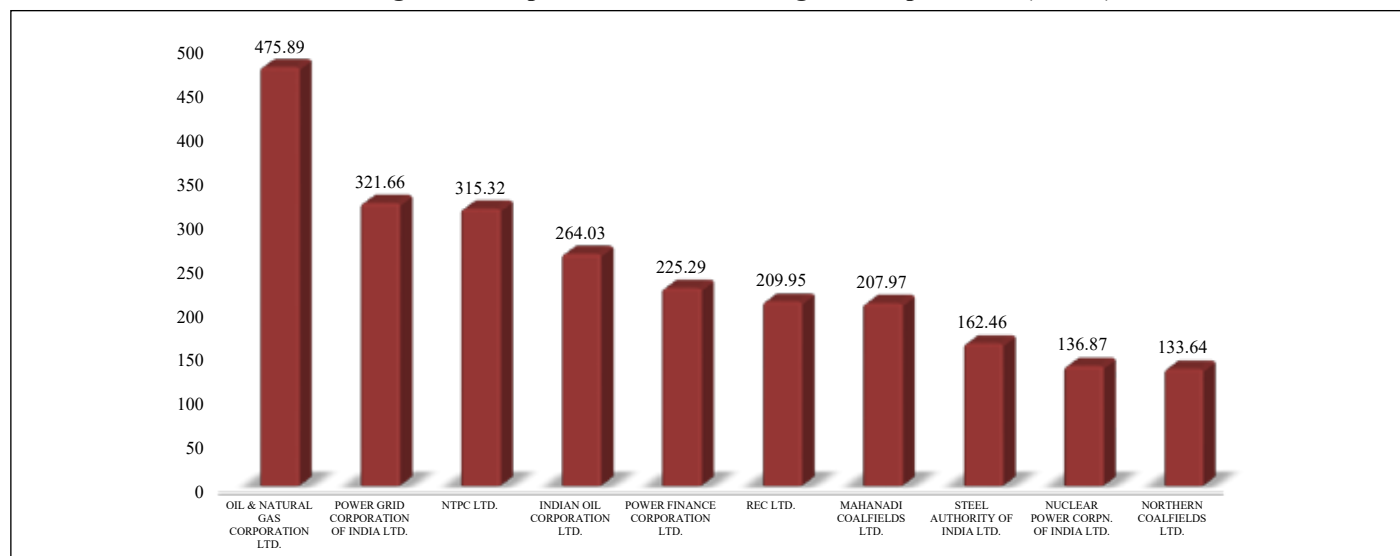
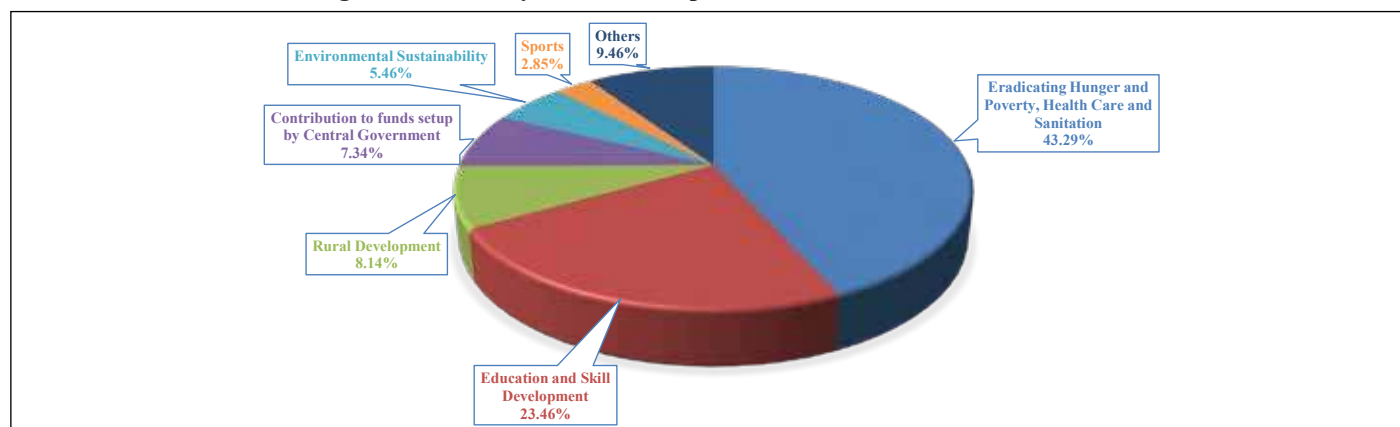


Table 7.1: Activity-wise CSR Expenditure Financial Year 2022-23, (₹crore)

S. No.	Sectors	Actual Expenditure	% share w.r.t Total
1	Eradicating Hunger and Poverty, Health Care and Sanitation	1,787	43.29
2	Education and Skill Development	968	23.46
3	Empowerment of Women and other Economically Backward Sections	80	1.94
4	Environmental Sustainability	226	5.46
5	Art & Culture	74	1.79
6	Armed Forces welfare	6	0.15
7	Sports	118	2.85
8	Contribution to funds setup by Central Government	303	7.34
9	Contribution to Technology Incubators	40	0.96
10	Rural Development	336	8.14
11	Slum Area Development	5	0.12
12	Disaster Management	71	1.72
13	Others	114	2.76
	Total CSR Expenditure	4,128	100.00

Figure 7.3: Activity-wise CSR Expenditure for Financial Year 2022-23



The CPSE-wise details of allocation and Expenditure on CSR during the Financial Year 2022-23 are given in Table 7.2.

Table 7.2: CSR Allocation & Expenditure by CPSEs for Financial Year 2022-23 (₹lakh)

S. No.	Name of CPSEs	Amount allocated for CSR	Amount incurred	Unspent Amount
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	261	261	-
2	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	12	12	-
3	AI ENGINEERING SERVICES LTD.	409	409	-
4	AIRPORTS AUTHORITY OF INDIA	4,416	1,667	2,749
5	ANTRIX CORPORATION LTD.	296	325	-29
6	APOLLO DESIGN APPAREL PARKS LTD.	25	-	25
7	ARMOURED VEHICLES NIGAM LIMITED	574	29	545
8	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	135	135	-
9	BALMER LAWRIE & CO. LTD.	-425	378	-803
10	BALMER LAWRIE INVESTMENTS LTD.	13	13	-
11	BEL OPTRONICS DEVICES LTD.	80	68	12
12	BEL-THALES SYSTEMS LTD.	9	10	-1
13	BEML LTD.	528	428	100
14	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	29	29	-
15	BHARAT COKING COAL LTD.	1,142	1,336	-194
16	BHARAT DYNAMICS LTD.	1,212	1,319	-107
17	BHARAT ELECTRONICS LTD.	5,749	2,667	3,082
18	BHARAT HEAVY ELECTRICALS LTD.	1,216	601	615
19	BHARAT PETROLEUM CORPN. LTD.	23,759	12,867	10,892
20	BHARTIYA RAIL BIJLEE CO. LTD.	1,103	392	711
21	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	16	16	-
22	BRAHAMPUTRA CRACKERS & POLYMER LTD.	3,576	970	2,606
23	BRAITHWAITE & CO. LTD.	67	64	3
24	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	15	15	-
25	BRIDGE & ROOF CO.(INDIA) LTD.	99	99	-
26	BROADCAST ENGG. CONSULTANTS INDIA LTD.	1	1	-
27	CEMENT CORPN. OF INDIA LTD.	-	6	-6
28	CENTRAL COALFIELDS LTD.	4,628	3,612	1,016
29	CENTRAL ELECTRONICS LTD.	51	51	-
30	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	730	892	-162
31	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	624	177	447
32	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	53	53	-
33	CENTRAL WAREHOUSING CORPN.	1,033	1,033	-
34	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	26	14	12
35	CHANDIGARH INTERNATIONAL AIRPORT LTD.	79	75	4
36	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	44	30	14
37	CHENNAI PETROLEUM CORPORATION LTD.	604	604	-
38	COAL INDIA LTD.	710	4,204	-3,494
39	COCHIN SHIPYARD LTD.	1,606	1,725	-119
40	CONTAINER CORPORATION OF INDIA LTD.	4,927	1,957	2,970

(Cont.)

S. No.	Name of CPSEs	Amount allocated for CSR	Amount incurred	Unspent Amount
41	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	-47	24	-71
42	DHOLERA INTERNATIONAL AIRPORT	33	33	-
43	E. C. G. C. LTD.	1,479	1,324	155
44	EASTERN COALFIELDS LTD.	648	692	-44
45	EdCIL(India) Ltd.	118	121	-3
46	ELECTRONICS CORPN. OF INDIA LTD.	365	373	-8
47	ENGINEERS INDIA LTD.	413	642	-229
48	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	37	37	-
49	FERRO SCRAP NIGAM LTD.	89	-	89
50	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	421	35	386
51	GAIL (INDIA) LTD.	9,909	9,909	-
52	GAIL GAS LTD.	534	241	293
53	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	460	460	-
54	GOA SHIPYARD LTD.	382	394	-12
55	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	20	-	20
56	GRID CONTROLLER OF INDIA LTD.	107	107	-
57	HINDUSTAN AERONAUTICS LTD.	9,980	10,328	-348
58	HINDUSTAN COPPER LTD.	182	127	55
59	HINDUSTAN FERTILIZER CORPN. LTD.	18	18	-
60	HINDUSTAN PETROLEUM CORPN. LTD.	15,485	9,611	5,874
61	HINDUSTAN SALTS LTD.	12	-	12
62	HINDUSTAN SHIPYARD LTD.	2	24	-22
63	HINDUSTAN STEELWORKS COSTN. LTD.	140	69	71
64	HLL INFRA TECH SERVICES LTD.	55	55	-
65	HLL LIFECARE LTD.	565	548	17
66	HMT LTD.	61	61	-
67	HOUSING & URBAN DEV. CORPN. LTD.	7,200	321	6,879
68	HSCC (INDIA) LTD.	86	86	-
69	I T I LTD.	6	6	-
70	IIFCL PROJECTS LTD.	7	7	-
71	INDIA INFRASTRUCTURE FINANCE CO. LTD.	410	20	390
72	INDIA OPTEL LIMITED	169	169	-
73	INDIA TOURISM DEV. CORPN. LTD.	8	8	-
74	INDIA TRADE PROMOTION ORGANISATION	31	31	-
75	INDIA UNITED TEXTILE MILLS LTD.	26	-	26
76	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	71	71	-
77	INDIAN OIL CORPORATION LTD.	25,755	26,403	-648
78	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1,253	1,100	153
79	INDIAN RAILWAY FINANCE CORPORATION LTD.	10,964	10,964	-
80	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	696	449	247
81	INSTRUMENTATION LTD.	22	3	19
82	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	7	7	-
83	IRCON INFRASTRUCTURE & SERVICES LTD.	28	28	-

(Cont.)

S. No.	Name of CPSEs	Amount allocated for CSR	Amount incurred	Unspent Amount
84	IRCON INTERNATIONAL LTD.	1,010	1,012	-2
85	IRCON VADODARA KIM EXPRESSWAY LTD.	54	54	-
86	IREL (INDIA) LTD.	1,053	1,099	-46
87	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	14	14	-
88	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	63	63	-
89	KIOCL LTD.	590	359	231
90	KONKAN LNG LIMITED	115	5	110
91	KONKAN RAILWAY CORPORATION LTD.	10	10	-
92	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	17	17	-
93	M M T C LTD.	5	5	-
94	M S T C LTD.	272	302	-30
95	MADRAS FERTILIZERS LTD.	-11	12	-23
96	MAHANADI COALFIELDS LTD.	19,568	20,797	-1,229
97	MANGALORE REFINERY & PETROCHEMICALS LTD.	1,695	873	822
98	MAZAGON DOCK SHIPBUILDERS LTD.	1,848	1,261	587
99	MECON LTD.	284	61	223
100	MINERAL EXPLORATION CORPN. LTD.	285	179	106
101	MISHRA DHATU NIGAM LTD.	414	393	21
102	MOIL LTD.	1,374	1,374	-
103	MUMBAI RAILWAY VIKAS CORPORATION LTD.	43	43	-
104	MUNITIONS INDIA LTD.	51	-	51
105	NATIONAL ALUMINIUM COMPANY LTD.	3,664	3,954	-290
106	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	82	25	57
107	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.	18	18	-
108	NATIONAL FERTILIZERS LTD.	140	174	-34
109	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	256	261	-5
110	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	250	-	250
111	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	255	191	64
112	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	146	12	134
113	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	47	47	-
114	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	156	83	73
115	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	80	69	11
116	NATIONAL SEEDS CORPN. LTD.	63	10	53
117	NATIONAL SMALL INDUSTRIES CORPN. LTD.	278	278	-
118	NBCC (INDIA) LTD.	402	119	283
119	NBCC SERVICES LTD.	17	17	-
120	NEWSPACE INDIA LTD.	626	219	407
121	NHDC LTD.	2,012	2,012	-
122	NHPC LTD.	1,210	12,731	-11,521
123	NLC INDIA LTD.	3,965	4,307	-342
124	NLC TAMIL NADU POWER LTD.	1,613	366	1,247
125	NMDC CSR FOUNDATION	-	125	-125
126	NMDC Ltd.	20,000	8,758	11,242

(Cont.)

S. No.	Name of CPSEs	Amount allocated for CSR	Amount incurred	Unspent Amount
127	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	519	320	199
128	NORTHERN COALFIELDS LTD.	13,364	13,364	-
129	NTPC LTD.	31,532	31,532	-
130	NTPC VIDYUT VYAPAR NIGAM LTD.	390	80	310
131	NUCLEAR POWER CORPN. OF INDIA LTD.	13,055	13,687	-632
132	NUMALIGARH REFINERY LTD.	6,092	6,412	-320
133	OIL & NATURAL GAS CORPORATION LTD.	42,976	47,589	-4,613
134	OIL INDIA LTD.	8,700	9,821	-1,121
135	PAWAN HANS LTD.	205	-	205
136	PFC CONSULTING LTD.	189	144	45
137	POWER GRID MITHILANCHAL TRANSMISSION LTD.	35	35	-
138	POWER FINANCE CORPORATION LTD.	27,773	22,529	5,244
139	POWER GRID CORPORATION OF INDIA LTD.	31,197	32,166	-969
140	POWER GRID KHETRI TRANSMISSION LTD.	5	5	-
141	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	188	188	-
142	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	71	71	-
143	POWER GRID VARANASI TRANSMISSION LTD.	18	18	-
144	POWERGRID HIMACHAL TRANSMISSION LTD.	128	128	-
145	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	16	16	-
146	POWERGRID UNCHAHAR TRANSMISSION LTD.	29	29	-
147	PROJECTS & DEVELOPMENT INDIA LTD.	134	100	34
148	RAIL VIKAS NIGAM LTD.	2,368	2,626	-258
149	RAILTEL CORPORATION INDIA LTD.	437	226	211
150	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	101	101	-
151	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	1,220	1,193	27
152	RASHTRIYA ISPAT NIGAM LTD.	33	33	-
153	RATLE HYDROELECTRIC POWER CORPORATION LTD.	50	35	15
154	REC LTD.	20,225	20,995	-770
155	REC POWER DEVELOPMENT & CONSULTANCY LTD.	118	118	-
156	rites LTD.	1,410	1,410	-
157	SAGARMALA DEVELOPMENT COMPANY LTD.	13	13	-
158	SAIL REFRACTORY COMPANY LTD.	43	46	-3
159	SAMBHAR SALTS LTD.	27	9	18
160	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	1,354	69	1,285
161	SHIPPING CORPORATION OF INDIA LTD.	1,423	344	1,079
162	SJVN LTD.	3,646	5,984	-2,338
163	SOLAR ENERGY CORPORATION OF INDIA	477	477	-
164	SOUTH EASTERN COALFIELDS LTD.	4,469	4,611	-142
165	STEEL AUTHORITY OF INDIA LTD.	15,795	16,246	-451
166	TAMIL NADU TRADE PROMOTION ORGANISATION	156	10	146
167	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	7	1	6
168	THDC INDIA LTD.	2,309	2,211	98
169	THE COTTON CORPN. OF INDIA LTD.	92	92	-

S. No.	Name of CPSEs	Amount allocated for CSR	Amount incurred	Unspent Amount
170	THE JUTE CORPN. OF INDIA LTD.	46	41	5
171	TROOP COMFORTS LIMITED	46	46	-
172	URANIUM CORPORATION OF INDIA LTD.	1,332	1,332	-
173	WAPCOS LTD.	215	11	204
174	WESTERN COALFIELDS LTD.	1,154	1,162	-8
GRAND TOTAL :		4,46,855	4,12,835	34,020

Note: 1. Total number of CPSEs incurred CSR expenditure is 166.
2. Negative CSR Allocation amount denotes carried forward amount from previous year is more than the allocation amount for the FY.
3. Total may not add up due to rounding off of individual figures.

7.2 Public Procurement from Micro & Small Enterprises (MSEs)

The Government of India notified the Public Procurement Policy for Micro & Small Enterprises (MSEs) in 2012 to be administered by M/o Micro, Small & Medium Enterprises (M/o MSME) effective from April 1, 2012. The objective of the policy is promotion and development of MSEs by supporting them in marketing of products & services. Some key points related to the policy include:

- I. With effect from FY 2012-13, every CPSE & Central Govt. Department should set an annual goal for procurement from the MSE sector at the beginning of the year, with the objective of achieving an overall procurement goal of minimum 20% of total annual purchases of products produced & services rendered by MSEs from the latter in a period of three years.
- II. Of the 20% target of annual procurement from MSEs, a sub-target of 4% must be earmarked for procurement from MSEs owned by SC/ST entrepreneurs. However, in the event of failure of such MSEs to participate in the tender process or meet the tender requirements & the L1 price, the sub-target of 4% can be met from other MSEs.
- III. At the end of three years (i.e., from FY 2015-16) the overall procurement goal of minimum 20% was made mandatory. Non-conforming departments were required to provide reasons for the same to the review committee set up under the policy.
- IV. In a tender, participating MSEs quoting price within the band of L1+15% may also be allowed to supply a portion of the requirement by lowering their price to the L1 price in a situation where the L1 price is from someone other than an MSE. Such MSEs may be allowed to supply 20% of the total tendered value. In case of more than one such eligible MSE, the supply would be shared equally.

The Central Government amended the policy to increase the minimum annual procurement from MSEs from 20% to 25% and also mandated procuring minimum 3% out of the 25% from MSEs owned by women, in addition to 4% to be procured from MSEs owned by SC/ ST entrepreneurs. Further, to reduce transaction cost of doing business, MSEs were supported by providing tender sets free of cost and exempting them from payment of earnest money. These amendments were effected from April 1, 2019.

As per PE survey 2022-23, 210 CPSEs reported a total procurement from MSEs amounting to ₹ 1,36,945.83 crore during FY 2022-23, which shows an increase of 157.53% over previous year.

Cognate Group-wise Procurement from MSEs for FY 2022-23 & FY 2021-22 is given in **Table 7.3**. The details of procurement from MSEs by CPSEs during FY2022-23 is at Statement-I.

Table 7.3: Cognate Group-wise Procurement from MSEs for FY 2022-23 & FY 2021-22 (₹ Lakh).

S. No.	Cognate Group	Total procurement		Total procurement from MSEs		Procurement from MSEs owned by SC/ST entrepreneurs		Annual procurement from MSEs owned by Women	
		2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22
1	Agro Based Industries	13,588	12,777	7,860	6,106	14	7	151	106
2	Chemicals & Pharmaceuticals	1,82,475	1,38,746	37,302	33,281	206	1,364	4,908	436
3	Coal	9,75,150	8,35,223	4,60,240	2,09,123	2,838	1,420	14,079	4,949

(Cont.)

S. No.	Cognate Group	Total procurement		Total procurement from MSEs		Procurement from MSEs owned by SC/ST entrepreneurs		Annual procurement from MSEs owned by Women	
		2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22
4	Contract & Construction and Tech. Consultancy services	3,10,530	4,10,753	1,56,828	1,95,190	5,328	3,884	6,371	5,019
5	Crude Oil	15,08,870	13,37,106	5,75,278	4,43,335	8,742	9,245	15,801	13,369
6	Defence Production	24,22,520	20,18,741	9,89,866	6,29,994	18,451	10,734	52,826	23,212
7	Fertilizers	32,27,931	16,67,644	1,40,423	91,771	985	778	1,631	1,164
8	Financial Services	17,418	30,181	10,915	12,890	593	195	1,328	1,039
9	Heavy & Medium Engineering	15,60,620	14,66,167	4,74,257	4,69,718	1,562	1,655	5,308	3,061
10	Hotel And Tourist Services	15,939	7,078	5,784	2,030	33	12	92	111
11	Industrial And Consumer Goods	1,93,926	1,06,413	41,849	49,101	6,534	687	2,850	2,707
12	Other Minerals & Metals	6,56,792	4,08,182	2,50,941	1,47,995	4,230	4,050	6,978	5,888
13	Petroleum (Refinery & Marketing)	50,93,123	46,10,586	16,63,074	16,15,641	63,525	62,126	32,898	29,113
14	Power Generation	18,17,755	11,88,787	7,68,672	5,15,871	6,975	6,394	18,880	12,291
15	Power Transmission	4,71,203	2,27,441	1,59,944	1,17,054	4,893	1,752	7,155	7,522
16	Steel	21,75,250	17,61,709	4,16,471	3,20,598	1,258	1,746	11,774	6,332
17	Telecommunication & Information Technology	5,16,690	8,37,100	1,24,949	1,39,123	213	324	13,133	3,089
18	Textiles	582	537	517	454	2	1	29	4
19	Trading & Marketing	1,77,54,486	2,13,09,460	23,46,061	37,924	13,194	170	19,280	1,358
20	Transport And Logistic Services	7,30,861	6,54,922	3,76,189	2,69,451	21,422	8,315	23,875	19,765
21	Under Construction	61,86,943	17,60,933	46,87,163	10,934	603	156	999	847
GRAND TOTAL :		4,58,32,652	4,07,90,486	1,36,94,583	53,17,584	1,61,601	1,15,015	2,40,346	1,41,382

7.3 Procurement through GeM

GeM, hosted by Directorate General of Supplies & Disposals (DGS&D) is a paperless, cashless, & system-driven e-market place that enables procurement of common-use goods & services with minimal human interface. It is a dynamic, self-sustaining & user-friendly portal for procurement by offices of various Government Ministries & Departments, CPSEs & autonomous bodies of the Central Government.

DGS&D developed GeM with technical support of National e-Governance Division (Ministry of Electronics & Information Technology). Intended benefits of the portal are listed below:

- I. **Transparency:** GeM eliminates human interface in vendor registration, order placement, & payment processing to a great extent. Being an open platform, it offers no entry barriers to bona fide suppliers who wish to conduct business with the Government. At every step SMS & e-mail notifications are sent to the buyers, the heads of their organisations, paying authorities & sellers.
- II. **Efficiency:** Direct purchase on GeM can be done within minutes and the entire process is online & end-to-end integrated with online tools for assessing price reasonability. For procurement of higher-value products & services, a transparent & efficient

bidding / Reverse Auction (RA) facility is available on GeM. For creating a bid / RA, buyers do not need to enter their own technical specifications as they have been standardised on GeM. The bid / RA can be created expeditiously & finalised within minimum of seven days.

- III. Security & Safety: GeM is a secure platform & all the documents on the portal are e-signed at various stages by buyers & sellers. The antecedents of suppliers are verified online & automatically through MCA21, Aadhaar & PAN databases. Furthermore, third-party assessment of suppliers is conducted by Securities & Exchange Board of India-empowered credit rating agencies.
- IV. Savings: The transparency, efficiency & ease of use of GeM has resulted in a substantial reduction in prices on the portal compared with the tender, rate contract & direct purchase rates. Average prices on GeM are lower by at least 15-20% & in some cases even up to 56%. GeM also carries out demand aggregation for items to be procured by various Central/State Government departments.
- V. Inclusivity in the Business Value Chain: Prosperity of the MSE sector is crucial for the growth of our country. The sector fuels the economy by providing employment & income to millions of people who work for small, local businesses as well as in start-ups. GeM expects to improve the ease of doing business for such small & medium enterprises and provide inclusivity by giving them a fair & transparent platform to participate in business activities generated from Government sources.

The cognate group wise data showing total procurement, annual procurement through GeM & annual procurement from MSEs through GeM during FY 2022-23 is summarised in **Table 7.4**.

Table 7.4: Procurement through GeM in FY 2022-23 (₹ lakh)

S No.	Cognate Group	Total procurement	Annual procurement from GeM
1	Agro Based Industries	13,588	3,772
2	Chemicals & Pharmaceuticals	1,82,475	43,146
3	Coal	9,75,150	3,16,196
4	Contract & Construction and Tech. Consultancy services	3,10,530	1,06,017
5	Crude Oil	15,08,870	9,32,950
6	Defence Production	24,22,520	8,85,969
7	Fertilizers	32,27,931	63,873
8	Financial Services	17,418	11,249
9	Heavy & Medium Engineering	15,60,620	6,84,374
10	Hotel And Tourist Services	15,939	8,576
11	Industrial And Consumer Goods	1,93,926	46,876
12	Other Minerals & Metals	6,56,792	5,35,090
13	Petroleum (Refinery & Marketing)	50,93,123	14,89,981
14	Power Generation	18,17,755	7,31,058
15	Power Transmission	4,71,203	3,44,029
16	Steel	21,75,250	11,02,657
17	Telecommunication & Information Technology	5,16,690	26,272
18	Textiles	582	282
19	Trading & Marketing	1,77,54,486	2,16,597
20	Transport And Logistic Services	7,30,861	3,89,161
21	Under Construction	61,86,943	46,82,144
GRAND TOTAL :		4,58,32,652	1,26,20,269

STATEMENT AND APPENDICES

STATEMENT - A

NET PROFIT / LOSS(-) IN CPSEs UNDER DIFFERENT MINISTRIES / DEPARTMENTS

(₹ in Lakhs)

S. No.	Ministry / Deptt. / CPSE	2022-23	2021-22	2020-21
MINISTRY OF AGRICULTURE AND FARMERS WELFARE				
D/O AGRICULTURE COOPERATION AND FARMERS WELFARE				
1	NATIONAL SEEDS CORPN. LTD.	5330	1076	244
SUB TOTAL:		5330	1076	244
MINISTRY OF AGRICULTURE AND FARMERS WELFARE				
D/O AGRICULTURE RESEARCH AND EDUCATION				
2	AGRINNOVATE INDIA LTD.	351	154	139
SUB TOTAL:		351	154	139
MINISTRY OF AYUSH				
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	2081	3376	1105
SUB TOTAL:		2081	3376	1105
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O CHEMICALS & PETROCHEMICALS				
4	HIL (INDIA) LTD.	0	221	115
5	HINDUSTAN ORGANIC CHEMICALS LTD.	-5022	-2619	1597
SUB TOTAL:		-5022	-2398	1712
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O FERTILIZER				
6	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	2438	-9764	-13775
7	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	974	1159	1348
8	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	61299	34637	35047
9	HINDUSTAN FERTILIZER CORPN. LTD.	1029	252	942
10	MADRAS FERTILIZERS LTD.	18533	16237	287
11	NATIONAL FERTILIZERS LTD.	45610	10820	24963
12	PROJECTS & DEVELOPMENT INDIA LTD.	358	1081	1907
13	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	96715	70436	38194
14	THE FERTILIZER CORPN. OF INDIA LTD.	4682	3574	5105
SUB TOTAL:		231638	128432	94018
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O PHARMACEUTICALS				
15	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1019	747	608
16	BIHAR DRUGS AND ORGANIC CHEMICALS LTD	0	0	-49
17	HINDUSTAN ANTIBIOTICS LTD.	-5388	-1621	-3826
18	IDPL (TAMILNADU) LTD.	0	0	-239
19	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2488	2466	2318
20	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD	0	-6	-3
21	MANIPUR STATE DRUGS & PHAREMACEUTICALS LTD	0	-4297	-3691
SUB TOTAL:		-1881	-2711	-4882

(Cont.)

S. No.	Ministry / Deptt. / CPSE	2022-23	2021-22	2020-21
MINISTRY OF CIVIL AVIATION				
22	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	8755	10521	7226
23	AI AIRPORT SERVICES LTD.	7831	600	-19003
24	AI ENGINEERING SERVICES LTD.	71527	83712	-1673
25	AIR INDIA ASSETS HOLDING LTD	-56340	-141676	4369
26	AIR INDIA EXPRESS LTD.	0	0	10010
27	AIR INDIA LTD.	0	0	-701742
28	AIRPORTS AUTHORITY OF INDIA	297205	876	-196206
29	ALLIANCE AIR AVIATION LTD.	-56657	-44776	-36009
30	CHANDIGARH INTERNATIONAL AIRPORT LTD.	8869	3569	1476
31	HOTEL CORPN. OF INDIA LTD.	-6544	-8481	-9732
32	PAWAN HANS LTD.	-2357	-1772	-1745
SUB TOTAL:		272289	-97427	-943029
MINISTRY OF COAL				
33	BHARAT COKING COAL LTD.	64501	11162	-120248
34	CENTRAL COALFIELDS LTD.	275167	169692	122128
35	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	29666	28212	31696
36	CHHATTISGARH EAST RAILWAYS LTD.	-11859	6233	776
37	COAL INDIA LTD.	1480231	1120157	764010
38	EASTERN COALFIELDS LTD.	61642	-106066	-75958
39	MAHANADI COALFIELDS LTD.	1347521	848050	687235
40	NLC INDIA LTD.	124824	123678	101046
41	NLC TAMIL NADU POWER LTD.	27865	21128	36300
42	NORTHERN COALFIELDS LTD.	697399	485705	439839
43	SOUTH EASTERN COALFIELDS LTD.	249819	154487	143995
44	WESTERN COALFIELDS LTD.	46646	94241	23429
SUB TOTAL:		4393422	2956679	2154248
MINISTRY OF COMMERCE & INDUSTRY				
D/O PROMOTION OF INDUSTRY AND INTERNAL TRADE				
45	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	459	231	202
SUB TOTAL:		459	231	202
MINISTRY OF COMMERCE & INDUSTRY				
D/O COMMERCE				
46	E. C. G. C. LTD.	216425	87516	46030
47	INDIA TRADE PROMOTION ORGANISATION	23222	-1837	-8393
48	KARNATAKA TRADE PROMOTION ORGANISATION	0	131	308
49	M M T C LTD.	107607	-23777	-76969
50	P E C LTD.	0	-31429	-49965
51	STATE TRADING CORPN. OF INDIA LTD.	3289	-9397	-5123
52	TAMIL NADU TRADE PROMOTION ORGANISATION	2885	367	578
SUB TOTAL:		353428	21574	-93534

(Cont.)

S. No.	Ministry / Deptt. / CPSE	2022-23	2021-22	2020-21
MINISTRY OF COMMUNICATION				
D/O TELECOMMUNICATIONS				
53	BHARAT BROADBAND NETWORK LTD.	10	-249	145
54	BHARAT SANCHAR NIGAM LTD.	-816156	-698162	-744112
55	I T I LTD.	-36010	12008	1120
56	MAHANAGAR TELEPHONE NIGAM LTD.	-291074	-260259	-246180
57	MILLENNIUM TELECOM LTD.	32	20	14
58	TCIL BINA TOLL ROAD LTD.	-255	8	139
59	TCIL LAKHNADONE TOLL ROAD LTD.	-107	-520	-300
60	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	3549	3033	5277
SUB TOTAL:		-1140011	-944121	-983897
MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION				
D/O FOOD & PUBLIC DISTRIBUTION				
61	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	3165	1937
62	CENTRAL WAREHOUSING CORPN.	36958	45056	43817
63	FOOD CORPN. OF INDIA	0	0	0
SUB TOTAL:		36958	48221	45754
MINISTRY OF DEFENCE				
D/O DEFENCE PRODUCTION				
64	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	786	453	0
65	ARMOURED VEHICLES NIGAM LIMITED	27117	5419	0
66	BEL OPTRONICS DEVICES LTD.	676	516	490
67	BEL-THALES SYSTEMS LTD.	700	521	315
68	BEML LTD.	15878	13459	7480
69	BHARAT DYNAMICS LTD.	35217	49992	25777
70	BHARAT ELECTRONICS LTD.	300667	234893	206542
71	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	22812	18953	15347
72	GLIDERS INDIA LIMITED	686	0	0
73	GOA SHIPYARD LTD.	15455	10109	12791
74	HINDUSTAN AERONAUTICS LTD.	581117	508650	323945
75	HINDUSTAN SHIPYARD LTD.	6524	5078	-1401
76	INDIA OPTEL LIMITED	23639	0	0
77	MAZAGON DOCK SHIPBUILDERS LTD.	107272	58647	47958
78	MISHRA DHATU NIGAM LTD.	15588	17631	16629
79	MUNITIONS INDIA LTD.	7335	2169	0
80	NAINI AEROSPACE LTD.	-608	-1282	-1104
81	TROOP COMFORTS LIMITED	1895	1638	0
82	VIGNYAN INDUSTRIES LTD.	0	0	-33
83	YANTRA INDIA LIMITED	4080	0	0
SUB TOTAL:		1166836	926846	654736
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION				
84	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	-147	-2833	-110

(Cont.)

S. No.	Ministry / Deptt. / CPSE	2022-23	2021-22	2020-21
85	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	427	-463	-630
SUB TOTAL:		280	-3296	-740
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY				
86	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	14977	4617	9823
SUB TOTAL:		14977	4617	9823
MINISTRY OF FINANCE				
D/O FINANCIAL SERVICES				
87	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	11826	8814	4462
88	IIFCL ASSET MANAGEMENT COMPANY LTD.	204	216	142
89	IIFCL PROJECTS LTD.	156	374	246
90	INDIA INFRASTRUCTURE FINANCE CO. LTD.	107560	51425	28527
SUB TOTAL:		119746	60829	33377
MINISTRY OF FINANCE				
D/O ECONOMIC AFFAIRS				
91	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	177925	67001	42381
SUB TOTAL:		177925	67001	42381
MINISTRY OF HEALTH & FAMILY WELFARE				
DEPARTMENT OF HEALTH AND FAMILY WELFARE				
92	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	-475	-1258	-1156
93	HLL BIOTECH LTD.	0	54734	-3200
94	HLL INFRA TECH SERVICES LTD.	2501	1760	1086
95	HLL LIFECARE LTD.	3977	40438	11272
96	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	-1
SUB TOTAL:		6003	95674	8001
MINISTRY OF HEAVY INDUSTRIES				
97	ANDREW YULE & COMPANY LTD.	117	-90	2120
98	BHARAT HEAVY ELECTRICALS LTD.	44755	41024	-271714
99	BHEL ELECTRICAL MACHINES LTD.	0	0	-546
100	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	886	315	1168
101	BRIDGE & ROOF CO.(INDIA) LTD.	4090	2128	780
102	CEMENT CORPN. OF INDIA LTD.	9529	4020	1315
103	ENGINEERING PROJECTS (INDIA) LTD.	44	-6506	-4974
104	HEAVY ENGINEERING CORPN. LTD.	-21211	-25607	-17578
105	HINDUSTAN NEWSPRINT LTD.	0	0	-13186
106	HINDUSTAN SALTS LTD.	821	152	580
107	HMT (INTERNATIONAL) LTD.	20	21	97
108	HMT LTD.	706	3836	2749
109	HMT MACHINE TOOLS LTD.	-13165	-14573	-13279

(Cont.)

S. No.	Ministry / Deptt. / CPSE	2022-23	2021-22	2020-21
110	HOOGHLY PRINTING COMPANY LTD.	0	0	-116
111	INSTRUMENTATION LTD.	486	2226	3476
112	NAGALAND PULP & PAPER COMPANY LTD.	0	0	-1739
113	NEPA LTD.	-10580	-5990	-5390
114	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	-1006	-846	-1278
115	RICHARDSON & CRUDDAS(1972) LTD.	1272	1934	2947
116	SAMBHAR SALTS LTD.	1130	1085	535
SUB TOTAL:		17894	3129	-314033
MINISTRY OF HOME AFFAIRS				
117	DELHI POLICE HOUSING CORPORATION LTD.	81	16	49
SUB TOTAL:		81	16	49
MINISTRY OF HOUSING & URBAN AFFAIRS				
118	HEMISPHERE PROPERTIES INDIA LTD.	-647	-1486	-745
119	HINDUSTAN PREFAB LTD.	0	-1204	167
120	HINDUSTAN STEELWORKS COSTN. LTD.	2315	2777	2948
121	HOUSING & URBAN DEV. CORPN. LTD.	170162	171660	157858
122	HSCC (INDIA) LTD.	2267	2518	1368
123	NBCC (INDIA) LTD.	23114	18286	20174
124	NBCC SERVICES LTD.	724	426	955
SUB TOTAL:		197935	192977	182725
MINISTRY OF HUMAN RESOURCE DEVELOPMENT				
D/O HIGHER EDUCATION				
125	EdCIL(India) Ltd.	6455	5042	3689
SUB TOTAL:		6455	5042	3689
MINISTRY OF INFORMATION & BROADCASTING				
126	BROADCAST ENGG. CONSULTANTS INDIA LTD.	406	1109	255
127	NATIONAL FILM DEV. CORPN. LTD.	501	-674	64
SUB TOTAL:		907	435	319
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES				
128	NATIONAL SMALL INDUSTRIES CORPN. LTD.	11048	10823	10159
129	NSIC VENTURE CAPITAL FUND LTD.	304	190	-61
SUB TOTAL:		11352	11013	10098
MINISTRY OF MINES				
130	HINDUSTAN COPPER LTD.	29531	37378	10998
131	MINERAL EXPLORATION CORPN. LTD.	1394	2021	14979
132	NATIONAL ALUMINIUM COMPANY LTD.	154449	295197	129953
SUB TOTAL:		185374	334596	155930
MINISTRY OF MINORITIES AFFAIRS				
133	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	6526	6764	6546
SUB TOTAL:		6526	6764	6546
MINISTRY OF NEW AND RENEWABLE ENERGY				
134	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	86463	63353	34641
135	SOLAR ENERGY CORPORATION OF INDIA	31565	24032	17771
SUB TOTAL:		118028	87385	52412

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S. No.	Ministry / Deptt. / CPSE	2022-23	2021-22	2020-21
MINISTRY OF PETROLEUM & NATURAL GAS				
136	BALMER LAWRIE & CO. LTD.	15386	12281	11645
137	BALMER LAWRIE INVESTMENTS LTD.	7342	6662	8462
138	BHARAT GAS RESOURCES LTD,	0	14984	36
139	BHARAT OMAN REFINERIES LIMITED,	0	89217	-7635
140	BHARAT PETRO RESOURCES LTD.	-225255	-2281	-179685
141	BHARAT PETROLEUM CORPN. LTD.	187010	1136335	1904167
142	BPCL-KIAL FUEL FARM PVT. LTD.	99	-385	-606
143	BRAHAMPUTRA CRACKERS & POLYMER LTD.	13423	69053	73990
144	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	982	811	1123
145	CHENNAI PETROLEUM CORPORATION LTD.	353381	134242	23756
146	ENGINEERS INDIA LTD.	34215	34441	25950
147	GAIL (INDIA) LTD.	530151	1036397	489019
148	GAIL GAS LTD.	29704	28336	15770
149	HINDUSTAN PETROLEUM CORPN. LTD.	-897403	638263	1066388
150	HPCL BIOFUELS LTD.	-4141	-6695	-8008
151	INDIAN OIL CORPORATION LTD.	824182	2418410	2183604
152	KONKAN LNG LIMITED	-44826	38470	-4259
153	MANGALORE REFINERY & PETROCHEMICALS LTD.	263839	295527	-76117
154	NUMALIGARH REFINERY LTD.	370279	356156	303610
155	OIL & NATURAL GAS CORPORATION LTD.	3882887	4030574	1124644
156	OIL INDIA LTD.	681040	388731	174159
157	ONGC MANGALORE PETROCHEMICALS LTD.	0	0	-45572
158	ONGC VIDESH LTD.	166019	149391	188588
159	PRIZE PETROLEUM COMPANY LTD.	-3649	-579	359
160	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	-1054	-897	-1259
SUB TOTAL:		6183611	10867444	7272129
MINISTRY OF PORTS, SHIPPING & WATERWAYS				
161	COCHIN SHIPYARD LTD.	33449	58657	61010
162	HOOGLY COCHIN SHIPYARD LTD.	-2034	-284	-316
163	INDIA PORTS GLOBAL LTD	-2	639	-116
164	INLAND & COASTAL SHIPPING LTD.	-68	-89	-25
165	SAGARMALA DEVELOPMENT COMPANY LTD.	1408	698	88
166	SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED	3558	0	0
167	SHIPPING CORPORATION OF INDIA LTD.	80012	79011	61810
168	UDUPI COCHIN SHIPYARDS LTD.	-867	-1294	-136
SUB TOTAL:		115456	137338	122315
MINISTRY OF POWER				
169	BHARTIYA RAIL BIJLEE CO. LTD.	24399	32869	28248
170	BUNDELKHAND SAUR URJA LTD.	-300	-70	0
171	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	5111	4003	-3
172	GRID CONTROLLER OF INDIA LTD.	5818	4439	2050
173	KANTI BIJLEE UTPADAN NIGAM LTD.	0	13184	13453

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S. No.	Ministry / Deptt. / CPSE	2022-23	2021-22	2020-21
174	NABINAGAR POWER GENERATING COMPANY LTD.	0	43699	18257
175	NHDC LTD.	77443	51296	67070
176	NHPC LTD.	383379	353771	324506
177	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	39690	21229	4790
178	NTPC ELECTRIC SUPPLY COMPANY LTD.	25	29	552
179	NTPC GREEN ENERGY LIMITED	17444	0	0
180	NTPC LTD.	1719673	1628199	1376952
181	NTPC VIDYUT VYAPAR NIGAM LTD.	17589	15026	9202
182	PFC CONSULTING LTD.	6381	3686	2710
183	POWER GRID MITHILANCHAL TRANSMISSION LTD.	4110	3809	95
184	POWER FINANCE CORPORATION LTD.	1160547	1002190	844401
185	POWER GRID AJMER PHAGI TRANSMISSION LTD.	1025	91	-1
186	POWER GRID BHIND GUNA TRANSMISSION LTD.	917	-7	0
187	POWER GRID BHUJ TRANSMISSION LTD	231	-3	0
188	POWER GRID CORPORATION OF INDIA LTD.	1533302	1709376	1193578
189	POWER GRID FATEGARH TRANSMISSION LTD	1287	226	0
190	POWER GRID JABALPUR TRANSMISSION LTD.	0	0	8970
191	POWER GRID KHETRI TRANSMISSION LTD.	2684	596	-4
192	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	22356	19162	1915
193	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD	-16	-2	0
194	POWER GRID PARLI TRANSMISSION LTD.	0	0	13653
195	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	679	-6	0
196	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	12990	-3750	10868
197	POWER GRID VARANASI TRANSMISSION LTD.	2916	2016	1
198	POWER GRID WARORA TRANSMISSION LTD.	0	0	14028
199	POWERGRID GOMTI YAMUNA TRANSMISSION LIMITED	-77	0	0
200	POWERGRID HIMACHAL TRANSMISSION LTD.	4969	5128	3000
201	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	1897	1712	104
202	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	2947
203	POWERGRID NM TRANSMISSION LTD.	22239	751	-3705
204	POWERGRID UNCHAHAR TRANSMISSION LTD.	1483	1676	494
205	POWERGRID VIZAG TRANSMISSION LTD.	0	0	10920
206	RATNAGIRI GAS & POWER PVT. LTD.	-17960	-21773	0
207	REC LTD.	1105464	1004592	836178
208	REC POWER DEVELOPMENT & CONSULTANCY LTD.	13979	5303	2561
209	SJVN GREEN ENERGY LTD.	-1056	-39	0
210	SJVN LTD.	136345	97752	163304
211	THDC INDIA LTD.	67309	89478	109241
SUB TOTAL:		6374272	6089638	5060335
MINISTRY OF RAILWAYS				
212	BRAITHWAITE & CO. LTD.	4973	4242	2472
213	CONCOR AIR LTD.	-110	-965	-293

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S. No.	Ministry / Deptt. / CPSE	2022-23	2021-22	2020-21
214	CONTAINER CORPORATION OF INDIA LTD.	116908	106234	50333
215	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	-1970	-1615	11245
216	FRESH & HEALTHY ENTERPRISES LTD.	-257	-373	-484
217	HSRC INFRA SERVICES LTD.	330	191	-21
218	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	100588	65955	18702
219	INDIAN RAILWAY FINANCE CORPORATION LTD.	633701	608984	441613
220	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	31	0	0
221	IRCON BHOJ MORBE EXPRESSWAY LTD.	0	0	0
222	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	2637	587	65
223	IRCON GURGAON REWARI HIGHWAY SERVICES	367	-1	0
224	IRCON HARIDWAR BYPASS LIMITED	77	0	0
225	IRCON INFRASTRUCTURE & SERVICES LTD.	533	530	575
226	IRCON INTERNATIONAL LTD.	77683	54432	40456
227	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	0	0	0
228	IRCON PB TOLLWAY LTD.	-1717	-2462	-2138
229	IRCON SHIVPURI GUNA TOLLWAY LTD.	-1434	-1205	-1406
230	IRCON VADODARA KIM EXPRESSWAY LTD.	2174	6016	28
231	KONKAN RAILWAY CORPORATION LTD.	27893	-14087	-36526
232	MUMBAI RAILWAY VIKAS CORPORATION LTD.	8742	757	2325
233	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-91	-620	-913
234	RAIL VIKAS NIGAM LTD.	126797	108735	94054
235	RAILTEL CORPORATION INDIA LTD.	18738	20834	14041
236	RAILTEL ENTERPRISES LTD.	101	130	205
237	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	5904	4532	2413
238	rites LTD.	53054	49710	42435
239	SIDCUL CONCOR INFRA COMPANY LTD.	161	21	-29
SUB TOTAL:		1175813	1010562	679152
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS				
240	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	22470	11330	8435
SUB TOTAL:		22470	11330	8435
MINISTRY OF SCIENCE & TECHNOLOGY				
DEPT. OF BIOTECHNOLOGY				
241	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-1664	-875	-1811
242	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	906	900	672
243	INDIAN VACCINE CORP. LTD.	157	-369	-3
SUB TOTAL:		-601	-344	-1142
MINISTRY OF SCIENCE & TECHNOLOGY				
DEPT. OF SCIENTIFIC & INDUSTRIAL RESEARCH				
244	CENTRAL ELECTRONICS LTD.	1749	2378	2326
245	NATIONAL RESEARCH DEVELOPMENT CORPN.	-372	5	19
SUB TOTAL:		1377	2383	2345

(Cont.)

S. No.	Ministry / Deptt. / CPSE	2022-23	2021-22	2020-21
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT				
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY				
246	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	7293	6415	5403
247	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.	509	620	921
SUB TOTAL:		7802	7035	6324
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT				
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT				
248	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	3036	3056	3430
249	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1499	1592	2359
250	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	4762	4440	4785
SUB TOTAL:		9297	9088	10574
MINISTRY OF STEEL				
251	EASTERN INVESTMENT LTD.	-358	-44	79
252	FERRO SCRAP NIGAM LTD.	3838	4036	2275
253	J & K MINERAL DEVELOPMENT CORPN. LTD.	-124	-90	-134
254	KIOCL LTD.	-9767	31341	30117
255	M S T C LTD.	23923	20005	10107
256	MECON LTD.	3101	1370	624
257	MOIL LTD.	25059	37699	17663
258	NMDC CSR FOUNDATION	-148	102	-390
259	NMDC Ltd.	552863	944759	625305
260	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-1654	-1449	-3965
261	RASHTRIYA ISPAT NIGAM LTD.	-285874	91319	-101216
262	SAIL REFRACTORY COMPANY LTD.	1775	1966	1188
263	STEEL AUTHORITY OF INDIA LTD.	190307	1201504	385002
264	THE BISRA STONE LIME COMPANY LTD.	1174	781	691
SUB TOTAL:		504115	2333299	967346
MINISTRY OF TEXTILES				
265	APOLLO DESIGN APPAREL PARKS LTD.	-490	-51	-103
266	AURANGABAD TEXTILES & APPAREL PARKS LTD.	-73	-75	-76
267	BRITISH INDIA CORPORATION LTD.	0	-10591	-10620
268	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-1301	-2438	-2992
269	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	-378	-81	-159
270	INDIA UNITED TEXTILE MILLS LTD.	974	842	1028
271	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	521	-157	-963
272	NATIONAL TEXTILE CORPN. LTD.	-32491	-30586	-31550
273	THE COTTON CORPN. OF INDIA LTD.	-5554	1329	2613
274	THE JUTE CORPN. OF INDIA LTD.	1001	-1378	1215
SUB TOTAL:		-37791	-43186	-41607
MINISTRY OF TOURISM				
275	INDIA TOURISM DEV. CORPN. LTD.	6033	438	-2744

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S. No.	Ministry / Deptt. / CPSE	2022-23	2021-22	2020-21
276	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	764	416	517
277	PONDICHERRY ASHOK HOTEL CORPN. LTD.	34	10	-137
278	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-112	-74	-301
279	UTKAL ASHOK HOTEL CORPN. LTD.	-104	-87	-64
SUB TOTAL:		6615	703	-2729
MINISTRY OF TRIBAL AFFAIRS				
280	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2429	2445	2634
SUB TOTAL:		2429	2445	2634
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION				
281	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	4524	3963	2439
282	WAPCOS LTD.	-2680	3966	3698
SUB TOTAL:		1844	7929	6137
DEPT. OF ATOMIC ENERGY				
283	ELECTRONICS CORPN. OF INDIA LTD.	26970	22078	10915
284	IREL (INDIA) LTD.	80813	55557	31569
285	NUCLEAR POWER CORPN. OF INDIA LTD.	514601	639478	437067
286	URANIUM CORPORATION OF INDIA LTD.	6571	57672	46182
SUB TOTAL:		628955	774785	525733
DEPT. OF SPACE				
287	ANTRIX CORPORATION LTD.	4854	2496	5571
288	NEWSPACE INDIA LTD.	46703	34299	15890
SUB TOTAL:		51557	36795	21461
GRAND TOTAL :		21226582	25153358	15756835

STATEMENT - B

NET PROFIT OF PROFIT MAKING CPSEs (COGNATE GROUP WISE)

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2022-23	2021-22	2020-21
	AGRO BASED INDUSTRIES			
1	NATIONAL SEEDS CORPN. LTD.	5330	1076	244
	SUB TOTAL:	5330	1076	244
	COAL			
2	BHARAT COKING COAL LTD.	64501	11162	-120248
3	CENTRAL COALFIELDS LTD.	275167	169692	122128
4	COAL INDIA LTD.	1480231	1120157	764010
5	EASTERN COALFIELDS LTD.	61642	-106066	-75958
6	MAHANADI COALFIELDS LTD.	1347521	848050	687235
7	NORTHERN COALFIELDS LTD.	697399	485705	439839
8	SOUTH EASTERN COALFIELDS LTD.	249819	154487	143995
9	WESTERN COALFIELDS LTD.	46646	94241	23429
	SUB TOTAL:	4222926	2777428	1984430
	CRUDE OIL			
10	OIL & NATURAL GAS CORPORATION LTD.	3882887	4030574	1124644
11	OIL INDIA LTD.	681040	388731	174159
12	ONGC VIDESH LTD.	166019	149391	188588
	SUB TOTAL:	4729946	4568696	1487391
	OTHER MINERALS & METALS			
13	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	974	1159	1348
14	HINDUSTAN COPPER LTD.	29531	37378	10998
15	IREL (INDIA) LTD.	80813	55557	31569
16	MOIL LTD.	25059	37699	17663
17	NATIONAL ALUMINIUM COMPANY LTD.	154449	295197	129953
18	NMDC Ltd.	552863	944759	625305
19	THE BISRA STONE LIME COMPANY LTD.	1174	781	691
20	URANIUM CORPORATION OF INDIA LTD.	6571	57672	46182
	SUB TOTAL:	851434	1430202	863709
	STEEL			
21	FERRO SCRAP NIGAM LTD.	3838	4036	2275
22	STEEL AUTHORITY OF INDIA LTD.	190307	1201504	385002
	SUB TOTAL:	194145	1205540	387277
	PETROLEUM (REFINERY & MARKETING)			
23	BHARAT PETROLEUM CORPN. LTD.	187010	1136335	1904167
24	CHENNAI PETROLEUM CORPORATION LTD.	353381	134242	23756
25	INDIAN OIL CORPORATION LTD.	824182	2418410	2183604
26	MANGALORE REFINERY & PETROCHEMICALS LTD.	263839	295527	-76117
27	NUMALIGARH REFINERY LTD.	370279	356156	303610
	SUB TOTAL:	1998691	4340670	4339020

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S. No.	Cognate Group / CPSE	2022-23	2021-22	2020-21
	FERTILIZERS			
28	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	2438	-9764	-13775
29	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	61299	34637	35047
30	MADRAS FERTILIZERS LTD.	18533	16237	287
31	NATIONAL FERTILIZERS LTD.	45610	10820	24963
32	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	96715	70436	38194
	SUB TOTAL:	224595	122366	84716
	CHEMICALS & PHARMACEUTICALS			
33	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1019	747	608
34	BRAHMAPUTRA CRACKERS & POLYMER LTD.	13423	69053	73990
35	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	2081	3376	1105
36	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2488	2466	2318
	SUB TOTAL:	19011	75642	78021
	HEAVY & MEDIUM ENGINEERING			
37	BALMER LAWRIE & CO. LTD.	15386	12281	11645
38	BHARAT HEAVY ELECTRICALS LTD.	44755	41024	-271714
39	BRAITHWAITE & CO. LTD.	4973	4242	2472
40	CENTRAL ELECTRONICS LTD.	1749	2378	2326
41	COCHIN SHIPYARD LTD.	33449	58657	61010
42	ELECTRONICS CORPN. OF INDIA LTD.	26970	22078	10915
43	HMT LTD.	706	3836	2749
44	INSTRUMENTATION LTD.	486	2226	3476
45	RICHARDSON & CRUDDAS(1972) LTD.	1272	1934	2947
46	SAIL REFRACTORY COMPANY LTD.	1775	1966	1188
	SUB TOTAL:	131521	150622	-172986
	INDUSTRIAL AND CONSUMER GOODS			
47	ANDREW YULE & COMPANY LTD.	117	-90	2120
48	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	7293	6415	5403
49	CEMENT CORPN. OF INDIA LTD.	9529	4020	1315
50	HINDUSTAN SALTS LTD.	821	152	580
51	HLL LIFECARE LTD.	3977	40438	11272
52	SAMBHAR SALTS LTD.	1130	1085	535
53	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	177925	67001	42381
	SUB TOTAL:	200792	119021	63606
	TEXTILES			
54	INDIA UNITED TEXTILE MILLS LTD.	974	842	1028
	SUB TOTAL:	974	842	1028
	POWER GENERATION			
55	BHARTIYA RAIL BIJLEE CO. LTD.	24399	32869	28248
56	NHDC LTD.	77443	51296	67070
57	NHPC LTD.	383379	353771	324506
58	NLC INDIA LTD.	124824	123678	101046
59	NLC TAMIL NADU POWER LTD.	27865	21128	36300
60	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	39690	21229	4790

(Cont.)

S. No.	Cognate Group / CPSE	2022-23	2021-22	2020-21
61	NTPC GREEN ENERGY LIMITED	17444	0	0
62	NTPC LTD.	1719673	1628199	1376952
63	NUCLEAR POWER CORPN. OF INDIA LTD.	514601	639478	437067
64	SJVN LTD.	136345	97752	163304
65	THDC INDIA LTD.	67309	89478	109241
SUB TOTAL:		3132972	3058878	2648524
	POWER TRANSMISSION			
66	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	5111	4003	-3
67	GRID CONTROLLER OF INDIA LTD.	5818	4439	2050
68	POWER GRID MITHILANCHAL TRANSMISSION LTD.	4110	3809	95
69	POWER GRID AJMER PHAGI TRANSMISSION LTD.	1025	91	-1
70	POWER GRID BHIND GUNA TRANSMISSION LTD.	917	-7	0
71	POWER GRID BHUJ TRANSMISSION LTD	231	-3	0
72	POWER GRID CORPORATION OF INDIA LTD.	1533302	1709376	1193578
73	POWER GRID FATEGARH TRANSMISSION LTD	1287	226	0
74	POWER GRID KHETRI TRANSMISSION LTD.	2684	596	-4
75	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	22356	19162	1915
76	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	679	-6	0
77	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	12990	-3750	10868
78	POWER GRID VARANASI TRANSMISSION LTD.	2916	2016	1
79	POWERGRID HIMACHAL TRANSMISSION LTD.	4969	5128	3000
80	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	1897	1712	104
81	POWERGRID NM TRANSMISSION LTD.	22239	751	-3705
82	POWERGRID UNCHAHAR TRANSMISSION LTD.	1483	1676	494
83	REC POWER DEVELOPMENT & CONSULTANCY LTD.	13979	5303	2561
SUB TOTAL:		1637993	1754522	1210953
	TRADING & MARKETING			
84	ANTRIX CORPORATION LTD.	4854	2496	5571
85	HMT (INTERNATIONAL) LTD.	20	21	97
86	INDIA TRADE PROMOTION ORGANISATION	23222	-1837	-8393
87	M M T C LTD.	107607	-23777	-76969
88	M S T C LTD.	23923	20005	10107
89	NATIONAL FILM DEV. CORPN. LTD.	501	-674	64
90	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	521	-157	-963
91	NEWSPACE INDIA LTD.	46703	34299	15890
92	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	427	-463	-630
93	NTPC VIDYUT VYAPAR NIGAM LTD.	17589	15026	9202
94	TAMIL NADU TRADE PROMOTION ORGANISATION	2885	367	578
95	THE JUTE CORPN. OF INDIA LTD.	1001	-1378	1215
SUB TOTAL:		229253	43928	-44231

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S. No.	Cognate Group / CPSE	2022-23	2021-22	2020-21
	TRANSPORT AND LOGISTIC SERVICES			
96	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	8755	10521	7226
97	AI AIRPORT SERVICES LTD.	7831	600	-19003
98	AI ENGINEERING SERVICES LTD.	71527	83712	-1673
99	AIRPORTS AUTHORITY OF INDIA	297205	876	-196206
100	BPCL-KIAL FUEL FARM PVT. LTD.	99	-385	-606
101	CENTRAL WAREHOUSING CORPN.	36958	45056	43817
102	CHANDIGARH INTERNATIONAL AIRPORT LTD.	8869	3569	1476
103	CONTAINER CORPORATION OF INDIA LTD.	116908	106234	50333
104	GAIL (INDIA) LTD.	530151	1036397	489019
105	GAIL GAS LTD.	29704	28336	15770
106	SHIPPING CORPORATION OF INDIA LTD.	80012	79011	61810
107	SIDCUL CONCOR INFRA COMPANY LTD.	161	21	-29
	SUB TOTAL:	1188180	1393948	451934
	CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES			
108	AGRINNOVATE INDIA LTD.	351	154	139
109	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	886	315	1168
110	BRIDGE & ROOF CO.(INDIA) LTD.	4090	2128	780
111	BROADCAST ENGG. CONSULTANTS INDIA LTD.	406	1109	255
112	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	29666	28212	31696
113	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	982	811	1123
114	DELHI POLICE HOUSING CORPORATION LTD.	81	16	49
115	EdCIL(India) Ltd.	6455	5042	3689
116	ENGINEERING PROJECTS (INDIA) LTD.	44	-6506	-4974
117	ENGINEERS INDIA LTD.	34215	34441	25950
118	HINDUSTAN STEELWORKS COSTN. LTD.	2315	2777	2948
119	HLL INFRA TECH SERVICES LTD.	2501	1760	1086
120	HSCC (INDIA) LTD.	2267	2518	1368
121	HSRC INFRA SERVICES LTD.	330	191	-21
122	IIFCL PROJECTS LTD.	156	374	246
123	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	31	0	0
124	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	2637	587	65
125	IRCON GURGAON REWARI HIGHWAY SERVICES	367	-1	0
126	IRCON HARIDWAR BYPASS LIMITED	77	0	0
127	IRCON INFRASTRUCTURE & SERVICES LTD.	533	530	575
128	IRCON INTERNATIONAL LTD.	77683	54432	40456
129	IRCON VADODARA KIM EXPRESSWAY LTD.	2174	6016	28
130	KONKAN RAILWAY CORPORATION LTD.	27893	-14087	-36526
131	MECON LTD.	3101	1370	624
132	MINERAL EXPLORATION CORPN. LTD.	1394	2021	14979
133	MUMBAI RAILWAY VIKAS CORPORATION LTD.	8742	757	2325

(Cont.)

S. No.	Cognate Group / CPSE	2022-23	2021-22	2020-21
134	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	22470	11330	8435
135	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	4524	3963	2439
136	NATIONAL SMALL INDUSTRIES CORPN. LTD.	11048	10823	10159
137	NBCC (INDIA) LTD.	23114	18286	20174
138	NBCC SERVICES LTD.	724	426	955
139	PFC CONSULTING LTD.	6381	3686	2710
140	PROJECTS & DEVELOPMENT INDIA LTD.	358	1081	1907
141	RAIL VIKAS NIGAM LTD.	126797	108735	94054
142	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	5904	4532	2413
143	MITES LTD.	53054	49710	42435
144	SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED	3558	0	0
145	SOLAR ENERGY CORPORATION OF INDIA	31565	24032	17771
SUB TOTAL:		498874	361571	291480
	HOTEL AND TOURIST SERVICES			
146	INDIA TOURISM DEV. CORPN. LTD.	6033	438	-2744
147	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	100588	65955	18702
148	PONDICHERRY ASHOK HOTEL CORPN. LTD.	34	10	-137
SUB TOTAL:		106655	66403	15821
	FINANCIAL SERVICES			
149	BALMER LAWRIE INVESTMENTS LTD.	7342	6662	8462
150	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	906	900	672
151	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	11826	8814	4462
152	E. C. G. C. LTD.	216425	87516	46030
153	HOUSING & URBAN DEV. CORPN. LTD.	170162	171660	157858
154	IIFCL ASSET MANAGEMENT COMPANY LTD.	204	216	142
155	INDIA INFRASTRUCTURE FINANCE CO. LTD.	107560	51425	28527
156	INDIAN RAILWAY FINANCE CORPORATION LTD.	633701	608984	441613
157	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	86463	63353	34641
158	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	459	231	202
159	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	764	416	517
160	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	3036	3056	3430
161	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.	509	620	921
162	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	6526	6764	6546
163	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1499	1592	2359
164	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	4762	4440	4785
165	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2429	2445	2634

(Cont.)

S. No.	Cognate Group / CPSE	2022-23	2021-22	2020-21
166	NSIC VENTURE CAPITAL FUND LTD.	304	190	-61
167	POWER FINANCE CORPORATION LTD.	1160547	1002190	844401
168	REC LTD.	1105464	1004592	836178
169	SAGARMALA DEVELOPMENT COMPANY LTD.	1408	698	88
SUB TOTAL:		3522296	3026764	2424407
	TELECOMMUNICATION & INFORMATION TECHNOLOGY			
170	BHARAT BROADBAND NETWORK LTD.	10	-249	145
171	MILLENNIUM TELECOM LTD.	32	20	14
172	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	14977	4617	9823
173	RAILTEL CORPORATION INDIA LTD.	18738	20834	14041
174	RAILTEL ENTERPRISES LTD.	101	130	205
175	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	3549	3033	5277
SUB TOTAL:		37407	28385	29505
	DEFENCE PRODUCTION			
176	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	786	453	0
177	ARMOURED VEHICLES NIGAM LIMITED	27117	5419	0
178	BEL OPTRONICS DEVICES LTD.	676	516	490
179	BEL-THALES SYSTEMS LTD.	700	521	315
180	BEML LTD.	15878	13459	7480
181	BHARAT DYNAMICS LTD.	35217	49992	25777
182	BHARAT ELECTRONICS LTD.	300667	234893	206542
183	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	22812	18953	15347
184	GLIDERS INDIA LIMITED	686	0	0
185	GOA SHIPYARD LTD.	15455	10109	12791
186	HINDUSTAN AERONAUTICS LTD.	581117	508650	323945
187	HINDUSTAN SHIPYARD LTD.	6524	5078	-1401
188	INDIA OPTEL LIMITED	23639	0	0
189	MAZAGON DOCK SHIPBUILDERS LTD.	107272	58647	47958
190	MISHRA DHATU NIGAM LTD.	15588	17631	16629
191	MUNITIONS INDIA LTD.	7335	2169	0
192	TROOP COMFORTS LIMITED	1895	1638	0
193	YANTRA INDIA LIMITED	4080	0	0
SUB TOTAL:		1167444	928128	655873
GRAND TOTAL :		24100439	25454632	16800722

STATEMENT - C

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

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2022-23	2021-22	2020-21
	AGRO BASED INDUSTRIES			
1	HPCL BIOFUELS LTD.	4141	6695	8008
	SUB TOTAL:	4141	6695	8008
	CRUDE OIL			
2	BHARAT PETRO RESOURCES LTD.	225255	2281	179685
3	PRIZE PETROLEUM COMPANY LTD.	3649	579	359
	SUB TOTAL:	228904	2860	179326
	OTHER MINERALS & METALS			
4	KIOCL LTD.	9767	31341	30117
5	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	1654	1449	3965
	SUB TOTAL:	11421	29892	26152
	STEEL			
6	RASHTRIYA ISPAT NIGAM LTD.	285874	91319	101216
	SUB TOTAL:	285874	91319	101216
	PETROLEUM (REFINERY & MARKETING)			
7	HINDUSTAN PETROLEUM CORPN. LTD.	897403	638263	1066388
	SUB TOTAL:	897403	638263	1066388
	CHEMICALS & PHARMACEUTICALS			
8	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	1664	875	1811
9	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	475	1258	1156
10	HINDUSTAN ANTIBIOTICS LTD.	5388	1621	3826
11	HINDUSTAN ORGANIC CHEMICALS LTD.	5022	2619	1597
	SUB TOTAL:	12549	6373	5196
	HEAVY & MEDIUM ENGINEERING			
12	HEAVY ENGINEERING CORPN. LTD.	21211	25607	17578
13	HMT MACHINE TOOLS LTD.	13165	14573	13279
14	HOOGLY COCHIN SHIPYARD LTD.	2034	284	316
15	I T I LTD.	36010	12008	1120
16	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1006	846	1278
17	UDUPI COCHIN SHIPYARDS LTD.	867	1294	136
	SUB TOTAL:	74293	30596	31467
	INDUSTRIAL AND CONSUMER GOODS			
18	NEPA LTD.	10580	5990	5390
	SUB TOTAL:	10580	5990	5390
	TEXTILES			
19	APOLLO DESIGN APPAREL PARKS LTD.	490	51	103
20	AURANGABAD TEXTILES & APPAREL PARKS LTD.	73	75	76
21	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	378	81	159
22	NATIONAL TEXTILE CORPN. LTD.	32491	30586	31550
	SUB TOTAL:	33432	30793	31888

(Cont.)

S. No.	Cognate Group / CPSE	2022-23	2021-22	2020-21
	POWER GENERATION			
23	BUNDELKHAND SAUR URJA LTD.	300	70	0
24	RATNAGIRI GAS & POWER PVT. LTD.	17960	21773	0
25	SJVN GREEN ENERGY LTD.	1056	39	0
	SUB TOTAL:	19316	21882	0
	POWER TRANSMISSION			
26	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD	16	2	0
27	POWERGRID GOMTI YAMUNA TRANSMISSION LIMITED	77	0	0
	SUB TOTAL:	93	2	0
	TRADING & MARKETING			
28	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1301	2438	2992
29	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	147	2833	110
30	THE COTTON CORPN. OF INDIA LTD.	5554	1329	2613
	SUB TOTAL:	7002	3942	489
	TRANSPORT AND LOGISTIC SERVICES			
31	ALLIANCE AIR AVIATION LTD.	56657	44776	36009
32	CONCOR AIR LTD.	110	965	293
33	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1970	1615	11245
34	FRESH & HEALTHY ENTERPRISES LTD.	257	373	484
35	INLAND & COASTAL SHIPPING LTD.	68	89	25
36	KONKAN LNG LIMITED	44826	38470	4259
37	PAWAN HANS LTD.	2357	1772	1745
38	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	91	620	913
39	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	1054	897	1259
	SUB TOTAL:	107390	12637	33742
	CONTRACT & CONSTRUCTION AND TECH. CONSUL-TANCY SERVICES			
40	CHHATTISGARH EAST RAILWAYS LTD.	11859	6233	776
41	HEMISPHERE PROPERTIES INDIA LTD.	647	1486	745
42	INDIA PORTS GLOBAL LTD	2	639	116
43	IRCON PB TOLLWAY LTD.	1717	2462	2138
44	IRCON SHIVPURI GUNA TOLLWAY LTD.	1434	1205	1406
45	NATIONAL RESEARCH DEVELOPMENT CORPN.	372	5	19
46	TCIL BINA TOLL ROAD LTD.	255	8	139
47	TCIL LAKHNADONE TOLL ROAD LTD.	107	520	300
48	WAPCOS LTD.	2680	3966	3698
	SUB TOTAL:	19073	5178	73
	HOTEL AND TOURIST SERVICES			
49	HOTEL CORPN. OF INDIA LTD.	6544	8481	9732
	SUB TOTAL:	6544	8481	9732
	FINANCIAL SERVICES			
50	AIR INDIA ASSETS HOLDING LTD	56340	141676	4369
51	EASTERN INVESTMENT LTD.	358	44	79

(Cont.)

S. No.	Cognate Group / CPSE	2022-23	2021-22	2020-21
52	NMDC CSR FOUNDATION	148	102	390
	SUB TOTAL:	56846	141618	4058
	TELECOMMUNICATION & INFORMATION TECHNOLOGY			
53	BHARAT SANCHAR NIGAM LTD.	816156	698162	744112
54	MAHANAGAR TELEPHONE NIGAM LTD.	291074	260259	246180
	SUB TOTAL:	1107230	958421	990292
	DEFENCE PRODUCTION			
55	NAINI AEROSPACE LTD.	608	1282	1104
	SUB TOTAL:	608	1282	1104
	GRAND TOTAL :	2882699	466920	301325

Note: There are 2 other CPSEs whose Net Loss is very negligible. Hence, total number of loss making CPSEs will be 57.

STATEMENT - D

RANKING OF CPSEs IN TERMS OF GROSS TURNOVER / REVENUE IN 2022-23

(₹ in Lakhs)

CPSE	Gross Turnover / Revenue			Rank
	2022-23	2021-22	2020-21	2022-23
INDIAN OIL CORPORATION LTD.	93495266	72844540	51489047	1
BHARAT PETROLEUM CORPN. LTD.	53346755	43242248	30187316	2
HINDUSTAN PETROLEUM CORPN. LTD.	46619235	37389674	27032632	3
FOOD CORPN. OF INDIA	22559931	23551869	24174741	4
NTPC LTD.	16376977	12117455	9920672	5
OIL & NATURAL GAS CORPORATION LTD.	15551732	11034540	6814109	6
GAIL (INDIA) LTD.	14430161	9164572	5673779	7
MANGALORE REFINERY & PETROCHEMICALS LTD.	12473603	8609440	5079581	8
STEEL AUTHORITY OF INDIA LTD.	10444736	10347332	6911002	9
CHENNAI PETROLEUM CORPORATION LTD.	9090827	6047429	4189907	10
POWER GRID CORPORATION OF INDIA LTD.	4334305	3993339	3766565	11
POWER FINANCE CORPORATION LTD.	3965175	3854540	3774487	12
REC LTD.	3920806	3913249	3538789	13
MAHANADI COALFIELDS LTD.	3107688	2181410	1649233	14
NUMALIGARH REFINERY LTD.	2978560	2354701	1854979	15
NATIONAL FERTILIZERS LTD.	2961652	1585709	1190566	16
HINDUSTAN AERONAUTICS LTD.	2692785	2462021	2288236	17
INDIAN RAILWAY FINANCE CORPORATION LTD.	2389128	2029827	1577022	18
BHARAT HEAVY ELECTRICALS LTD.	2336494	2121109	1730844	19
NORTHERN COALFIELDS LTD.	2332785	1898604	1598842	20
OIL INDIA LTD.	2327257	1453018	860490	21
SOUTH EASTERN COALFIELDS LTD.	2298542	2047635	1804866	22
RASHTRIYA ISPAT NIGAM LTD.	2280940	2835935	1808088	23
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	2145154	1281217	828118	24
RAIL VIKAS NIGAM LTD.	2028157	1938171	1540365	25
BHARAT SANCHAR NIGAM LTD.	1912779	1680922	1745180	26
NMDC Ltd.	1766688	2596479	1537006	27
BHARAT ELECTRONICS LTD.	1764620	1531376	1406383	28
CENTRAL COALFIELDS LTD.	1637920	1348642	1176489	29
EASTERN COALFIELDS LTD.	1525448	1075075	1071815	30
WESTERN COALFIELDS LTD.	1496501	1379163	986607	31
NUCLEAR POWER CORPN. OF INDIA LTD.	1461850	1503578	1333508	32
NATIONAL ALUMINIUM COMPANY LTD.	1425486	1421458	895579	33
BHARAT COKING COAL LTD.	1328093	1012786	656729	34
NLC INDIA LTD.	1295500	985648	724963	35
AIRPORTS AUTHORITY OF INDIA	1142490	633372	433542	36
ONGC VIDESH LTD.	1113687	1779820	1266559	37
SOLAR ENERGY CORPORATION OF INDIA	1079507	728485	544288	38
GAIL GAS LTD.	1052407	685308	401460	39

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2022-23	2021-22	2020-21	2022-23
IRCON INTERNATIONAL LTD.	992120	691015	495593	40
NHPC LTD.	931634	830922	850658	41
CONTAINER CORPORATION OF INDIA LTD.	810340	759445	638496	42
MAZAGON DOCK SHIPBUILDERS LTD.	782718	573328	404782	43
HOUSING & URBAN DEV. CORPN. LTD.	704946	695408	723458	44
NBCC (INDIA) LTD.	673631	554662	494745	45
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	619814	442481	325883	46
SHIPPING CORPORATION OF INDIA LTD.	579395	498803	370325	47
KONKAN RAILWAY CORPORATION LTD.	502876	325362	157796	48
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	491822	408663	471257	49
ARMOURED VEHICLES NIGAM LIMITED	487651	256926	0	50
MUNITIONS INDIA LTD.	465218	257155	0	51
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	455655	320684	228809	52
NTPC VIDYUT VYAPAR NIGAM LTD.	444017	389959	403702	53
INDIA INFRASTRUCTURE FINANCE CO. LTD.	407492	361756	334556	54
BEML LTD.	389895	433749	359740	55
HLL LIFECARE LTD.	370801	3571236	508131	56
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	354147	187857	77666	57
NLC TAMIL NADU POWER LTD.	350278	222160	262946	58
BRAHAMPUTRA CRACKERS & POLYMER LTD.	348682	324336	290262	59
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	348197	285990	265481	60
MADRAS FERTILIZERS LTD.	344709	230216	153279	61
BHARTIYA RAIL BIJLEE CO. LTD.	342474	257894	218617	62
BRIDGE & ROOF CO.(INDIA) LTD.	331538	319517	270228	63
ENGINEERS INDIA LTD.	328376	287040	310469	64
DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	314148	194915	28989	65
SJVN LTD.	293541	242196	249083	66
NEWSPACE INDIA LTD.	284227	167477	51331	67
NATIONAL SMALL INDUSTRIES CORPN. LTD.	277014	261869	210130	68
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	256115	175445	114084	69
rites LTD.	251962	257516	184315	70
BHARAT DYNAMICS LTD.	248939	281740	191376	71
YANTRA INDIA LIMITED	239104	0	0	72
ELECTRONICS CORPN. OF INDIA LTD.	238311	160969	150373	73
COCHIN SHIPYARD LTD.	233046	319001	281890	74
BALMER LAWRIE & CO. LTD.	230998	204245	152210	75
URANIUM CORPORATION OF INDIA LTD.	219212	257176	230353	76
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	198244	158119	174929	77
AI ENGINEERING SERVICES LTD.	198009	188191	116002	78
THDC INDIA LTD.	197430	192149	179601	79
CENTRAL WAREHOUSING CORPN.	197178	213056	205675	80

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2022-23	2021-22	2020-21	2022-23
COAL INDIA LTD.	195051	113192	64025	81
RAILTEL CORPORATION INDIA LTD.	194652	152154	133728	82
ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	193932	108862	0	83
IREL (INDIA) LTD.	189750	148000	97413	84
HINDUSTAN COPPER LTD.	167733	182193	178676	85
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	161412	143411	121129	86
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	160418	140213	128202	87
KIOCL LTD.	154341	300645	237644	88
E. C. G. C. LTD.	150993	148498	82832	89
WAPCOS LTD.	141961	137400	130758	90
I T I LTD.	139543	186073	236218	91
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	138609	120843	148860	92
MOIL LTD.	134165	143630	117738	93
NHDC LTD.	131841	85820	115841	94
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	121169	82676	59353	95
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	114650	30982	22318	96
ENGINEERING PROJECTS (INDIA) LTD.	113196	73617	80562	97
HINDUSTAN SHIPYARD LTD.	110338	75524	47795	98
HSCC (INDIA) LTD.	110286	136065	141215	99
ALLIANCE AIR AVIATION LTD.	109842	71753	45354	100
INDIA OPTEL LIMITED	107865	0	0	101
NATIONAL SEEDS CORPN. LTD.	107822	88580	101518	102
BROADCAST ENGG. CONSULTANTS INDIA LTD.	106835	74434	55282	103
BRAITHWAITE & CO. LTD.	104330	76414	60960	104
TROOP COMFORTS LIMITED	99767	57572	0	105
AI AIRPORT SERVICES LTD.	89447	69885	28939	106
MECON LTD.	88946	60476	75212	107
MISHRA DHATU NIGAM LTD.	87194	85949	81323	108
GOA SHIPYARD LTD.	86943	74035	86049	109
MAHANAGAR TELEPHONE NIGAM LTD.	86157	106972	130364	110
HINDUSTAN STEELWORKS COSTN. LTD.	75984	52894	39419	111
HINDUSTAN ORGANIC CHEMICALS LTD.	63143	43367	41158	112
POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	58141	44665	4572	113
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	53897	62469	58459	114
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	52890	47532	42717	115
RATNAGIRI GAS & POWER PVT. LTD.	49478	195534	0	116
POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	47609	48791	46384	117

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2022-23	2021-22	2020-21	2022-23
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	47422	33253	23446	118
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	45867	32743	25933	119
INDIA TOURISM DEV. CORPN. LTD.	45808	28954	17613	120
AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	44628	48067	35468	121
CEMENT CORPN. OF INDIA LTD.	44072	41888	41459	122
EdCIL(India) Ltd.	43910	42800	33283	123
PAWAN HANS LTD.	41516	38514	37237	124
INDIA TRADE PROMOTION ORGANISATION	40329	7730	510	125
KONKAN LNG LIMITED	40086	86894	62007	126
FERRO SCRAP NIGAM LTD.	39625	40554	35274	127
GRID CONTROLLER OF INDIA LTD.	37457	33192	26407	128
ANDREW YULE & COMPANY LTD.	37404	41439	33051	129
POWERGRID NM TRANSMISSION LTD.	36387	11742	12236	130
HLL INFRA TECH SERVICES LTD.	35915	30306	27003	131
M S T C LTD.	32472	47064	42775	132
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	30179	13701	7054	133
HPCL BIOFUELS LTD.	29813	22007	18195	134
REC POWER DEVELOPMENT & CONSULTANCY LTD.	28484	16001	17029	135
M M T C LTD.	27255	839329	2638161	136
CENTRAL ELECTRONICS LTD.	26230	25334	29637	137
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	22322	26084	16402	138
IRCON INFRASTRUCTURE & SERVICES LTD.	21891	17084	19439	139
MINERAL EXPLORATION CORPN. LTD.	21234	22192	42953	140
GLIDERS INDIA LIMITED	20601	0	0	141
IRCON VADODARA KIM EXPRESSWAY LTD.	20544	39903	48762	142
NBCC SERVICES LTD.	17627	12128	14853	143
IRCON SHIVPURI GUNA TOLLWAY LTD.	17576	14386	11078	144
POWER GRID MITHILANCHAL TRANSMISSION LTD.	17512	14342	232	145
CHANDIGARH INTERNATIONAL AIRPORT LTD.	17326	10292	6715	146
NTPC GREEN ENERGY LIMITED	16969	0	0	147
SAIL REFRACTORY COMPANY LTD.	16713	19848	14798	148
THE COTTON CORPN. OF INDIA LTD.	16647	2356524	3462646	149
IRCON GURGAON REWARI HIGHWAY SERVICES	15748	2468	0	150
BHARAT PETRO RESOURCES LTD.	14591	14714	6884	151
CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	14259	10170	6460	152
THE JUTE CORPN. OF INDIA LTD.	14232	5584	14928	153
HMT MACHINE TOOLS LTD.	14224	15253	16582	154
HINDUSTAN ANTIBIOTICS LTD.	13371	10382	8372	155

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2022-23	2021-22	2020-21	2022-23
PFC CONSULTING LTD.	13303	8514	6785	156
POWERGRID HIMACHAL TRANSMISSION LTD.	13126	13365	14775	157
POWER GRID KHETRI TRANSMISSION LTD.	12978	5259	0	158
POWER GRID VARANASI TRANSMISSION LTD.	12052	7963	0	159
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	12019	16491	14744	160
NATIONAL FILM DEV. CORPN. LTD.	11540	6887	5264	161
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	11415	9310	6787	162
MUMBAI RAILWAY VIKAS CORPORATION LTD.	10919	3579	3651	163
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	10156	6237	6348	164
PROJECTS & DEVELOPMENT INDIA LTD.	9860	11504	12109	165
NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	9666	2614	1453	166
HEAVY ENGINEERING CORPN. LTD.	9244	18773	21342	167
THE BISRA STONE LIME COMPANY LTD.	8619	8509	8415	168
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	8011	8200	7870	169
INSTRUMENTATION LTD.	7877	6964	6839	170
BEL OPTRONICS DEVICES LTD.	7837	5921	5880	171
BEL-THALES SYSTEMS LTD.	7819	3901	3538	172
POWER GRID FATEGARH TRANSMISSION LTD	7673	3669	0	173
BALMER LAWRIE INVESTMENTS LTD.	7608	6930	8690	174
POWER GRID BHUJ TRANSMISSION LTD	6609	0	0	175
POWER GRID AJMER PHAGI TRANSMISSION LTD.	6549	4782	0	176
IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	6542	2	0	177
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	6323	6085	5992	178
CHHATTISGARH EAST RAILWAYS LTD.	6218	3759	3377	179
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	5604	4144	3781	180
IRCON PB TOLLWAY LTD.	5401	5546	5486	181
HOTEL CORPN. OF INDIA LTD.	5386	2628	2253	182
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	5313	5322	5589	183
IRCON HARIDWAR BYPASS LIMITED	5204	1	0	184
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	5168	7075	2657	185
HMT LTD.	5159	1258	2346	186
POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	5135	5170	357	187
CONCOR AIR LTD.	4999	4380	2971	188
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	4785	4625	4911	189
SAMBHAR SALTS LTD.	4517	4190	2499	190
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	4461	7839	8533	191
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	4377	2043	1083	192

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2022-23	2021-22	2020-21	2022-23
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	4127	3960	3423	193
UDUPI COCHIN SHIPYARDS LTD.	3917	642	0	194
TAMIL NADU TRADE PROMOTION ORGANISATION	3913	1210	758	195
ANTRIX CORPORATION LTD.	3816	18165	65438	196
PUNJAB LOGISTIC INFRASTRUCTURE LTD.	3815	2475	1813	197
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	3553	8268	0	198
POWER GRID BHIND GUNA TRANSMISSION LTD.	3263	0	0	199
GOLDMOHUR DESIGN & APPAREL PARKS LTD.	2954	4708	1982	200
HINDUSTAN SALTS LTD.	2927	2413	1238	201
POWERGRID UNCHAHAR TRANSMISSION LTD.	2831	3028	2137	202
NEPA LTD.	2717	2070	1737	203
IRCON BHOJ MORBE EXPRESSWAY LTD.	2661	1	0	204
IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	2422	1	0	205
APOLLO DESIGN APPAREL PARKS LTD.	2099	4930	1844	206
POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	2099	0	0	207
IRCON DAVANAGERE HAVERI HIGHWAY LTD.	1975	798	19306	208
RAILTEL ENTERPRISES LTD.	1959	5157	6069	209
HOOGLY COCHIN SHIPYARD LTD.	1702	42	0	210
SIDCUL CONCOR INFRA COMPANY LTD.	1684	1475	1519	211
HSRC INFRA SERVICES LTD.	1657	1487	132	212
RICHARDSON & CRUDDAS(1972) LTD.	1480	1961	2736	213
HMT (INTERNATIONAL) LTD.	1415	1091	1983	214
NATIONAL TEXTILE CORPN. LTD.	1397	10460	14878	215
IIFCL PROJECTS LTD.	1325	1198	988	216
SJVN GREEN ENERGY LTD.	1253	0	0	217
VISAKHAPATANAM PORT LOGISTICS PARK LTD.	1236	1395	930	218
SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED	1235	0	0	219
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1208	1076	1136	220
NAINI AEROSPACE LTD.	1153	413	471	221
BPCL-KIAL FUEL FARM PVT. LTD.	1062	524	310	222
NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.	1060	1066	1145	223
AGRINNOVATE INDIA LTD.	1001	533	391	224
KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	883	448	454	225
CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	881	580	0	226
BHARAT BROADBAND NETWORK LTD.	844	4075	2346	227
SAGARMALA DEVELOPMENT COMPANY LTD.	654	337	0	228
NATIONAL RESEARCH DEVELOPMENT CORPN.	650	1145	777	229
FRESH & HEALTHY ENTERPRISES LTD.	568	686	402	230
IIFCL ASSET MANAGEMENT COMPANY LTD.	567	573	474	231
PONDICHERRY ASHOK HOTEL CORPN. LTD.	567	485	224	232

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2022-23	2021-22	2020-21	2022-23
JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	524	321	192	233
NSIC VENTURE CAPITAL FUND LTD.	413	202	0	234
TCIL BINA TOLL ROAD LTD.	405	360	411	235
PRIZE PETROLEUM COMPANY LTD.	384	490	704	236
BUNDELKHAND SAUR URJA LTD.	381	0	0	237
TCIL LAKHNADONE TOLL ROAD LTD.	316	341	609	238
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	283	337	77	239
HEMISPHERE PROPERTIES INDIA LTD.	200	0	0	240
DELHI POLICE HOUSING CORPORATION LTD.	126	5	0	241
EASTERN INVESTMENT LTD.	37	65	75	242
INLAND & COASTAL SHIPPING LTD.	6	5	4	243
POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD	5	0	0	244
POWERGRID GOMTI YAMUNA TRANSMISSION LIMITED	4	0	0	245
AURANGABAD TEXTILES & APPAREL PARKS LTD.	4	2	2	246

STATEMENT - E

EXPENDITURE ON RESEARCH AND DEVELOPMENT IN CPSEs

(₹ in Crores)

S. No.	CPSE	2022-23	2021-22	2020-21	R&D as % of Sales		
					2022-23	2021-22	2020-21
1	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	14.93	7.17	0	0.77	0.66	0
2	ARMOURED VEHICLES NIGAM LIMITED	6.83	2.22	0	0.14	0.09	0
3	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	1.76	1.42	0	0.38	0.43	0
4	BALMER LAWRIE & CO. LTD.	7.84	7.91	8.3	0.34	0.39	0.55
5	BEL OPTRONICS DEVICES LTD.	0.22	0.14	0.12	0.28	0.24	0.2
6	BEML LTD.	74.54	102.66	132.66	1.91	2.37	3.69
7	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0.25	0.16	0.15	0.25	0.26	0.24
8	BHARAT DYNAMICS LTD.	152.03	48.15	42.95	6.11	1.71	2.24
9	BHARAT HEAVY ELECTRICALS LTD.	690.85	699.57	726.49	2.96	3.3	4.2
10	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	0	0	0.53	0	0	0.62
11	BHARAT PETROLEUM CORPN. LTD.	168.6	219.82	86.64	0.04	0.06	0.04
12	BRAITHWAITE & CO. LTD.	3.29	2.43	0	0.32	0.32	0
13	BRIDGE & ROOF CO.(INDIA) LTD.	3.97	0.85	0	0.12	0.03	0
14	CENTRAL COALFIELDS LTD.	0	0.2	0	0	0	0
15	CENTRAL WAREHOUSING CORPN.	21.52	11.77	0	1.09	0.55	0
16	COAL INDIA LTD.	127.72	31.22	27.06	6.55	2.76	4.23
17	COCHIN SHIPYARD LTD.	8.64	0	0	0.37	0	0
18	CONTAINER CORPORATION OF INDIA LTD.	67.95	14.96	1.03	0.84	0.2	0.02
19	ELECTRONICS CORPN. OF INDIA LTD.	14.64	18.63	17.55	0.61	1.16	1.17
20	ENGINEERS INDIA LTD.	30.1	26.05	26.36	0.92	0.91	0.85
21	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	0.64	0	0	1.14	0	0
22	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	0.36	0.76	0.59	0.01	0.02	0.02
23	GAIL (INDIA) LTD.	180.71	243.69	9.2	0.13	0.27	0.02
24	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	13.65	12.92	5.03	0.53	0.74	0.44
25	GOA SHIPYARD LTD.	10	8.17	9.33	1.15	1.1	1.08
26	GRID CONTROLLER OF INDIA LTD.	0.68	0.09	0	0.18	0.03	0
27	HEAVY ENGINEERING CORPN. LTD.	0	0.71	0	0	0.38	0
28	HIL (INDIA) LTD.	0	0.02	0.02	0	0.01	0.01
29	HINDUSTAN AERONAUTICS LTD.	2494.33	1966.91	1687.4	9.26	7.99	7.37
30	HINDUSTAN ANTIBIOTICS LTD.	0	0.83	0.97	0	0.8	1.16
31	HINDUSTAN COPPER LTD.	6.03	1.68	0.8	0.36	0.09	0.04

(Cont.)

S. No.	CPSE	2022-23	2021-22	2020-21	R&D as % of Sales		
					2022-23	2021-22	2020-21
32	HINDUSTAN PETROLEUM CORPN. LTD.	319.22	363.7	295.66	0.07	0.1	0.13
33	HINDUSTAN SALTS LTD.	0	0	0.04	0	0	0.32
34	HLL LIFECARE LTD.	0	5.28	3.67	0	0.01	0.07
35	HMT MACHINE TOOLS LTD.	1.49	1.56	1.61	1.05	1.02	0.97
36	I T I LTD.	17.46	19.46	10.34	1.25	1.05	0.44
37	INDIA OPTEL LIMITED	4.82	0	0	0.45	0	0
38	INDIAN OIL CORPORATION LTD.	698.21	576.55	506.57	0.08	0.1	0.13
39	IREL (INDIA) LTD.	32.19	19.81	1.74	1.7	1.34	0.18
40	KIOCL LTD.	0.76	11.42	0	0.05	0.38	0
41	MADRAS FERTILIZERS LTD.	0	0.05	0	0	0	0
42	MAHANADI COALFIELDS LTD.	0	0.35	0.46	0	0	0
43	MANGALORE REFINERY & PETROCHEMICALS LTD.	0.59	1.01	0.76	0	0	0
44	MAZAGON DOCK SHIPBUILDERS LTD.	96.52	75.24	82.42	1.23	1.31	2.04
45	MECON LTD.	0.93	0	0	0.1	0	0
46	MISHRA DHATU NIGAM LTD.	20.27	6.82	5.74	2.32	0.79	0.71
47	MOIL LTD.	11.46	12.01	6.21	0.85	0.84	0.53
48	NATIONAL ALUMINIUM COMPANY LTD.	161.59	65.21	12.62	1.13	0.46	0.14
49	NATIONAL FERTILIZERS LTD.	0	0.15	0	0	0	0
50	NATIONAL SMALL INDUSTRIES CORPN. LTD.	3.48	2.12	0	0.13	0.08	0
51	NBCC (INDIA) LTD.	1.09	0	1.06	0.02	0	0.02
52	NEPA LTD.	0	0.62	0.62	0	3	3.57
53	NHDC LTD.	0	0.02	0	0	0	0
54	NHPC LTD.	11.3	3.38	2.09	0.12	0.04	0.02
55	NLC INDIA LTD.	26.98	23.26	21.7	0.21	0.24	0.3
56	NMDC Ltd.	164.21	327.1	29.2	0.93	1.26	0.19
57	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0.6	0.15	0	0.01	0	0
58	NORTHERN COALFIELDS LTD.	3.9	0	0	0.02	0	0
59	NTPC LTD.	280.15	219.53	185.78	0.17	0.18	0.19
60	NUCLEAR POWER CORPN. OF INDIA LTD.	27.84	33.49	10.75	0.19	0.22	0.08
61	NUMALIGARH REFINERY LTD.	1.29	2.73	0	0	0.01	0
62	OIL & NATURAL GAS CORPORATION LTD.	542.43	513.31	554.13	0.35	0.47	0.81
63	OIL INDIA LTD.	185.34	100.96	0	0.87	0.69	0
64	POWER GRID CORPORATION OF INDIA LTD.	28.61	0.34	4.55	0.07	0	0.01
65	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	4.17	3.79	3.11	3.47	2.3	2.11
66	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	48.38	35.47	2.48	0.23	0.28	0.03
67	RASHTRIYA ISPAT NIGAM LTD.	16.13	24.21	19.86	0.07	0.09	0.11

(Cont.)

S. No.	CPSE	2022-23	2021-22	2020-21	R&D as % of Sales		
					2022-23	2021-22	2020-21
68	SJVN LTD.	0	30.12	0	0	1.24	0
69	STEEL AUTHORITY OF INDIA LTD.	397.6	742.9	340.28	0.38	0.72	0.49
70	THDC INDIA LTD.	2.7	3.46	4.52	0.14	0.18	0.25
71	URANIUM CORPORATION OF INDIA LTD.	11.72	11.22	0	0.53	0.44	0
72	YANTRA INDIA LIMITED	7.36	0	0	0.31	0	0
	TOTAL :	6893.50	4891.51	4037.64			

STATEMENT - F

FOREIGN EXCHANGE EARNINGS OF CPSEs IN FY 2022-23

(₹ 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	EASTERN COALFIELDS LTD.	2021-22	0	0	0	0	0
		2022-23	941	0	0	0	941
SUB TOTAL:		2021-22	0	0	0	0	0
		2022-23	941	0	0	0	941
CRUDE OIL							
2	BHARAT PETRO RESOURCES LTD.	2021-22	0	0	175	2192	2367
		2022-23	0	1417	603	0	2020
3	OIL & NATURAL GAS CORPORATION LTD.	2021-22	0	77	0	18981	19058
		2022-23	32707	0	0	14441	47148
4	OIL INDIA LTD.	2021-22	0	0	49617	1302	50919
		2022-23	0	0	6539	1171	7710
5	ONGC VIDESH LTD.	2021-22	1310028	0	94465	200195	1604688
		2022-23	777928	0	135490	20881	934299
SUB TOTAL:		2021-22	1310028	77	144257	222670	1677032
		2022-23	810635	1417	142632	36493	991177
OTHER MINERALS & METALS							
6	HINDUSTAN COPPER LTD.	2021-22	35250	0	0	0	35250
		2022-23	29267	0	0	0	29267
7	IREL (INDIA) LTD.	2021-22	72445	0	0	0	72445
		2022-23	83323	0	0	0	83323
8	KIOCL LTD.	2021-22	292897	0	0	0	292897
		2022-23	136143	0	0	0	136143
9	NATIONAL ALUMINIUM COMPANY LTD.	2021-22	640200	0	0	224	640424
		2022-23	421366	0	0	203	421569
SUB TOTAL:		2021-22	1040792	0	0	224	1041016
		2022-23	670099	0	0	203	670302
STEEL							
10	RASHTRIYA ISPAT NIGAM LTD.	2021-22	561369	0	0	9593	570962
		2022-23	90029	0	0	5123	95152
11	STEEL AUTHORITY OF INDIA LTD.	2021-22	698842	0	0	0	698842
		2022-23	263889	0	0	0	263889
SUB TOTAL:		2021-22	1260211	0	0	9593	1269804
		2022-23	353918	0	0	5123	359041

(Cont.)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
PETROLEUM (REFINERY & MARKETING)							
12	BHARAT PETROLEUM CORPN. LTD.	2021-22	1478784	0	4305	0	1483089
		2022-23	1513595	0	0	6521	1520116
13	HINDUSTAN PETROLEUM CORPN. LTD.	2021-22	815913	0	0	48	815961
		2022-23	617658	0	0	30	617688
14	INDIAN OIL CORPORATION LTD.	2021-22	2111409	1210	5	97383	2210007
		2022-23	2502247	623	111	182730	2685711
15	MANGALORE REFINERY & PETROCHEMICALS LTD.	2021-22	3100910	0	0	317	3101227
		2022-23	4552970	0	0	553	4553523
16	NUMALIGARH REFINERY LTD.	2021-22	30883	0	0	0	30883
		2022-23	39485	0	0	0	39485
SUB TOTAL:		2021-22	7537899	1210	4310	97748	7641167
		2022-23	9225955	623	111	189834	9416523
FERTILIZERS							
17	NATIONAL FERTILIZERS LTD.	2021-22	0	0	0	4770	4770
		2022-23	0	0	0	12822	12822
18	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	2021-22	0	0	0	0	0
		2022-23	56277	0	0	0	56277
SUB TOTAL:		2021-22	0	0	0	4770	4770
		2022-23	56277	0	0	12822	69099
CHEMICALS & PHARMACEUTICALS							
19	BRAHAMPUTRA CRACKERS & POLYMER LTD.	2021-22	1385	0	0	0	1385
		2022-23	56	0	0	0	56
20	HIL (INDIA) LTD.	2021-22	648	0	0	0	648
		2022-23	0	0	0	0	0
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2021-22	2128	0	0	0	2128
		2022-23	3920	0	0	0	3920
SUB TOTAL:		2021-22	4161	0	0	0	4161
		2022-23	3976	0	0	0	3976
HEAVY & MEDIUM ENGINEERING							
22	BALMER LAWRIE & CO. LTD.	2021-22	2562	0	1977	2584	7123
		2022-23	1655	0	3065	3923	8643
23	BHARAT HEAVY ELECTRICALS LTD.	2021-22	77533	0	0	170150	247683
		2022-23	39558	0	0	118899	158457
24	COCHIN SHIPYARD LTD.	2021-22	2138	0	0	162	2300
		2022-23	19860	0	0	469	20329
25	HMT LTD.	2021-22	52	0	0	0	52
		2022-23	80	0	0	0	80

(Cont.)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
26	HMT MACHINE TOOLS LTD.	2021-22	1	0	0	0	1
		2022-23	418	0	0	0	418
27	INSTRUMENTATION LTD.	2021-22	67	0	0	0	67
		2022-23	82	0	0	0	82
28	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	2021-22	0	0	0	0	0
		2022-23	305	0	0	0	305
SUB TOTAL:		2021-22	82353	0	1977	172896	257226
		2022-23	61958	0	3065	123291	188314
INDUSTRIAL AND CONSUMER GOODS							
29	ANDREW YULE & COMPANY LTD.	2021-22	511	0	0	0	511
		2022-23	2865	0	0	0	2865
30	HLL LIFECARE LTD.	2021-22	7463	0	0	989	8452
		2022-23	27339	0	0	1313	28652
31	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	2021-22	66	0	0	0	66
		2022-23	0	0	0	0	0
SUB TOTAL:		2021-22	8040	0	0	989	9029
		2022-23	30204	0	0	1313	31517
POWER TRANSMISSION							
32	POWER GRID CORPORATION OF INDIA LTD.	2021-22	0	2723	0	0	2723
		2022-23	0	4664	0	0	4664
SUB TOTAL:		2021-22	0	2723	0	0	2723
		2022-23	0	4664	0	0	4664
TRADING & MARKETING							
33	ANTRIX CORPORATION LTD.	2021-22	391	59	0	0	450
		2022-23	215	142	0	0	357
34	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2021-22	44	0	0	162	206
		2022-23	160	0	0	916	1076
35	HMT (INTERNATIONAL) LTD.	2021-22	418	0	0	0	418
		2022-23	27	0	0	0	27
36	INDIA TRADE PROMOTION ORGANISATION	2021-22	0	0	0	106	106
		2022-23	0	0	0	819	819
37	M M T C LTD.	2021-22	3440	0	0	0	3440
		2022-23	0	0	396	0	396
38	NATIONAL FILM DEV. CORPN. LTD.	2021-22	118	0	0	0	118
		2022-23	0	72	0	0	72
39	NEWSPACE INDIA LTD.	2021-22	0	0	0	25894	25894
		2022-23	0	0	0	118852	118852

(Cont.)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
40	NTPC VIDYUT VYAPAR NIGAM LTD.	2021-22	124171	0	0	0	124171
		2022-23	127580	0	0	0	127580
41	THE COTTON CORPN. OF INDIA LTD.	2021-22	3073	0	0	0	3073
		2022-23	0	0	0	0	0
SUB TOTAL:		2021-22	131655	59	0	26162	157876
		2022-23	127982	214	396	120587	249179
TRANSPORT AND LOGISTIC SERVICES							
42	AI ENGINEERING SERVICES LTD.	2021-22	0	0	0	332	332
		2022-23	0	0	0	12206	12206
43	AIRPORTS AUTHORITY OF INDIA	2021-22	0	0	0	68824	68824
		2022-23	0	0	0	98091	98091
44	GAIL (INDIA) LTD.	2021-22	1878531	31	10458	143531	2032551
		2022-23	2579609	34	8759	225235	2813637
45	SHIPPING CORPORATION OF INDIA LTD.	2021-22	496953	0	906	409	498268
		2022-23	522517	0	2773	585	525875
SUB TOTAL:		2021-22	2375484	31	11364	213096	2599975
		2022-23	3102126	34	11532	336117	3449809
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES							
46	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2021-22	0	0	0	22	22
		2022-23	0	0	0	0	0
47	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	2021-22	0	0	0	1	1
		2022-23	0	0	0	4	4
48	EdCIL(India) Ltd.	2021-22	0	0	0	517	517
		2022-23	0	0	0	656	656
49	ENGINEERING PROJECTS (INDIA) LTD.	2021-22	0	1276	3	210	1489
		2022-23	0	4533	6	104	4643
50	ENGINEERS INDIA LTD.	2021-22	0	28539	0	0	28539
		2022-23	0	23674	0	0	23674
51	HSCC (INDIA) LTD.	2021-22	0	733	0	0	733
		2022-23	0	657	0	0	657
52	IRCON INFRASTRUCTURE & SERVICES LTD.	2021-22	0	90	0	0	90
		2022-23	0	256	0	0	256
53	IRCON INTERNATIONAL LTD.	2021-22	51992	0	47	87	52126
		2022-23	41219	0	98	1982	43299
54	MECON LTD.	2021-22	0	460	0	0	460
		2022-23	0	68	0	0	68
55	NBCC (INDIA) LTD.	2021-22	0	6744	811	0	7555
		2022-23	0	15527	400	0	15927

(Cont.)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
56	PROJECTS & DEVELOPMENT INDIA LTD.	2021-22	0	3	0	0	3
		2022-23	0	3	0	0	3
57	MITES LTD.	2021-22	94459	10392	3	0	104854
		2022-23	28349	15922	0	0	44271
58	WAPCOS LTD.	2021-22	14057	0	0	195	14252
		2022-23	16917	0	0	307	17224
SUB TOTAL:		2021-22	160508	48237	864	1032	210641
		2022-23	86485	60640	504	3053	150682
HOTEL AND TOURIST SERVICES							
59	INDIA TOURISM DEV. CORPN. LTD.	2021-22	0	0	0	2015	2015
		2022-23	0	0	0	1614	1614
60	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2021-22	0	0	0	1937	1937
		2022-23	0	0	0	2737	2737
SUB TOTAL:		2021-22	0	0	0	3952	3952
		2022-23	0	0	0	4351	4351
FINANCIAL SERVICES							
61	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	2021-22	0	0	0	1988	1988
		2022-23	0	0	0	2309	2309
62	E. C. G. C. LTD.	2021-22	0	0	0	5603	5603
		2022-23	0	0	0	3083	3083
63	HOUSING & URBAN DEV. CORPN. LTD.	2021-22	0	0	21	0	21
		2022-23	0	0	3	0	3
64	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	2021-22	0	0	2	0	2
		2022-23	0	0	0	0	0
SUB TOTAL:		2021-22	0	0	23	7591	7614
		2022-23	0	0	3	5392	5395
TELECOMMUNICATION & INFORMATION TECHNOLOGY							
65	BHARAT SANCHAR NIGAM LTD.	2021-22	0	0	0	3966	3966
		2022-23	0	0	0	15808	15808
66	MAHANAGAR TELEPHONE NIGAM LTD.	2021-22	0	0	0	263	263
		2022-23	0	0	0	445	445
67	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	2021-22	0	0	0	9977	9977
		2022-23	0	0	0	7422	7422
SUB TOTAL:		2021-22	0	0	0	14206	14206
		2022-23	0	0	0	23675	23675

(Cont.)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
UNDER CONSTRUCTION							
68	HLL BIOTECH LTD.	2021-22	0	0	0	1	1
		2022-23	0	0	0	0	0
SUB TOTAL:		2021-22	0	0	0	1	1
		2022-23	0	0	0	0	0
DEFENCE PRODUCTION							
69	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	2021-22	0	0	0	0	0
		2022-23	310	0	0	0	310
70	ARMOURED VEHICLES NIGAM LIMITED	2021-22	32	0	0	0	32
		2022-23	0	0	0	0	0
71	BEL-THALES SYSTEMS LTD.	2021-22	3306	0	0	0	3306
		2022-23	2658	47	0	0	2705
72	BEML LTD.	2021-22	4875	0	0	14490	19365
		2022-23	36197	0	0	25077	61274
73	BHARAT DYNAMICS LTD.	2021-22	1491	0	0	0	1491
		2022-23	9741	0	0	966	10707
74	BHARAT ELECTRONICS LTD.	2021-22	23599	0	0	4190	27789
		2022-23	39455	0	0	36002	75457
75	GLIDERS INDIA LIMITED	2021-22	0	0	0	0	0
		2022-23	1	0	0	0	1
76	GOA SHIPYARD LTD.	2021-22	110	0	0	0	110
		2022-23	3785	0	0	0	3785
77	HINDUSTAN AERONAUTICS LTD.	2021-22	13813	0	0	2983	16796
		2022-23	24857	0	0	4514	29371
78	HINDUSTAN SHIPYARD LTD.	2021-22	0	0	0	327	327
		2022-23	0	0	0	0	0
79	MAZAGON DOCK SHIPBUILDERS LTD.	2021-22	326	0	0	0	326
		2022-23	573	0	0	0	573
80	MISHRA DHATU NIGAM LTD.	2021-22	8702	0	0	0	8702
		2022-23	3745	0	0	0	3745
81	MUNITIONS INDIA LTD.	2021-22	2255	0	0	0	2255
		2022-23	4554	0	0	0	4554
82	YANTRA INDIA LIMITED	2021-22	0	0	0	0	0
		2022-23	3301	0	0	0	3301
SUB TOTAL:		2021-22	58509	0	0	21990	80499
		2022-23	129177	47	0	66559	195783
GRAND TOTAL :		2021-22	13969640	52337	162795	796920	14981692
		2022-23	14659733	67639	158243	928813	15814428

STATEMENT - G

BREAK-UP OF TOTAL EMPLOYEES AS ON 31.3.2023

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.	28	76	89	592	0	0	311	1096
3	NATIONAL SEEDS CORPN. LTD.	190	0	32	570	425	26	0	1243
SUB TOTAL:		218	76	121	1162	425	26	311	2339
COAL									
4	BHARAT COKING COAL LTD.	2001	4311	0	11905	18820	0	5417	42454
5	CENTRAL COALFIELDS LTD.	2333	3203	0	14514	14925	22735	7745	65455
6	COAL INDIA LTD.	431	285	0	415	203	0	0	1334
7	EASTERN COALFIELDS LTD.	2241	3539	0	17453	27841	0	9048	60122
8	MAHANADI COALFIELDS LTD.	1889	3552	0	7831	8550	0	22157	43979
9	NORTHERN COALFIELDS LTD.	1738	2997	0	8065	953	0	22532	36285
10	SOUTH EASTERN COALFIELDS LTD.	2698	5865	0	17884	15518	0	0	41965
11	WESTERN COALFIELDS LTD.	2148	6736	0	11563	13943	0	13427	47817
SUB TOTAL:		15479	30488	0	89630	100753	22735	80326	339411
CRUDE OIL									
12	BHARAT PETRO RESOURCES LTD.	5	0	0	0	0	0	10	15
13	OIL & NATURAL GAS CORPORATION LTD.	15730	959	0	7942	1362	139	916	27048
14	OIL INDIA INTERNATIONAL LTD.	0	0	0	0	0	0	0	0
15	OIL INDIA LTD.	1772	1189	0	2748	1050	0	2175	8934
16	ONGC VIDESH LTD.	780	0	0	230	0	0	203	1213
17	PRIZE PETROLEUM COMPANY LTD.	11	0	0	0	0	0	3	14
SUB TOTAL:		18298	2148	0	10920	2412	139	3307	37224
OTHER MINERALS & METALS									
18	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	26	0	0	8	1	0	106	141
19	HINDUSTAN COPPER LTD.	512	0	12	655	172	0	6043	7394
20	IREL (INDIA) LTD.	277	0	11	353	177	32	833	1683
21	J & K MINERAL DEVELOPMENT CORPN. LTD.	1	0	0	2	0	0	0	3

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
22	KIOCL LTD.	195	0	41	395	23	0	868	1522
23	MOIL LTD.	340	133	0	1151	3987	0	4501	10112
24	NATIONAL ALUMINIUM COMPANY LTD.	1588	335	0	2797	470	0	100	5290
25	NMDC Ltd.	1502	0	194	3435	582	0	7733	13446
26	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	61	0	0	146	26	2	239	474
27	THE BISRA STONE LIME COMPANY LTD.	15	0	0	413	0	0	68	496
28	URANIUM CORPORATION OF INDIA LTD.	305	0	243	1459	2362	56	71	4496
SUB TOTAL:		4822	468	501	10814	7800	90	20562	45057
	STEEL								
29	FERRO SCRAP NIGAM LTD.	122	0	0	357	2	0	0	481
30	RASHTRIYA ISPAT NIGAM LTD.	4813	5174	5	4069	668	0	16032	30761
31	STEEL AUTHORITY OF INDIA LTD.	9990	0	0	45825	3371	58	65938	125182
SUB TOTAL:		14925	5174	5	50251	4041	58	81970	156424
	PETROLEUM (REFINERY & MARKETING)								
32	BHARAT PETROLEUM CORPN. LTD.	5583	0	0	2507	623	0	24314	33027
33	CHENNAI PETROLEUM CORPORATION LTD.	753	0	0	713	0	0	3586	5052
34	HINDUSTAN PETROLEUM CORPN. LTD.	5818	0	0	2280	406	15	38848	47367
35	INDIAN OIL CORPORATION LTD.	18485	4372	0	8004	234	0	93401	124496
36	MANGALORE REFINERY & PETROCHEMICALS LTD.	1107	0	0	1443	0	0	3425	5975
37	NUMALIGARH REFINERY LTD.	591	0	0	437	0	0	2016	3044
SUB TOTAL:		32337	4372	0	15384	1263	15	165590	218961
	FERTILIZERS								
38	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	270	32	3	107	0	0	540	952
39	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	617	0	0	850	79	239	509	2294
40	HINDUSTAN FERTILIZER CORPN. LTD.	0	0	0	0	0	27	18	45
41	MADRAS FERTILIZERS LTD.	289	0	0	167	13	0	1413	1882
42	NATIONAL FERTILIZERS LTD.	1454	0	0	1441	69	0	3507	6471

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
43	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	751	681	581	590	52	1028	1114	4797
44	THE FERTILIZER CORPN. OF INDIA LTD.	1	0	0	0	0	0	21	22
SUB TOTAL:		3382	713	584	3155	213	1294	7122	16463
CHEMICALS & PHARMACEUTICALS									
45	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	46	17	0	30	30	8	29	160
46	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	36	24	24	14	5	0	9	112
47	BIHAR DRUGS AND ORGANIC CHEMICALS LTD	0	0	0	0	0	0	0	0
48	BRAHAMPUTRA CRACKERS & POLYMER LTD.	419	0	0	194	0	0	0	613
49	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	16	27	5	1	94	5	14	162
50	HIL (INDIA) LTD.	0	0	0	0	0	0	0	0
51	HINDUSTAN ANTIBIOTICS LTD.	96	0	0	237	78	0	120	531
52	HINDUSTAN FLUOROCARBONS LIMITED	0	0	0	0	0	0	0	0
53	HINDUSTAN ORGANIC CHEMICALS LTD.	80	0	23	78	10	24	187	402
54	IDPL (TAMILNADU) LTD.	0	0	0	0	0	0	0	0
55	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0	0	0	0
56	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	21	45	19	0	0	350	13	448
57	INDIAN VACCINE CORP. LTD.	0	0	0	0	0	0	1	1
58	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	199	0	0	345	0	206	669	1419
59	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD	0	0	0	0	0	0	0	0
60	MANIPUR STATE DRUGS & PHARMACEUTICALS LTD	0	0	0	0	0	0	0	0
61	ORISSA DRUGS & CHEMICALS LTD.	0	0	0	0	0	0	0	0
62	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0	0	0	0
SUB TOTAL:		913	113	71	899	217	593	1042	3848

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
HEAVY & MEDIUM ENGINEERING									
63	BALMER LAWRIE & CO. LTD.	483	0	185	37	166	0	599	1470
64	BHARAT HEAVY ELECTRICALS LTD.	10182	0	4363	14613	373	0	15638	45169
65	BHARAT PUMPS & COMPRESSORS LTD.	0	0	0	0	0	0	0	0
66	BRAITHWAITE & CO. LTD.	61	21	8	99	0	298	245	732
67	CENTRAL ELECTRONICS LTD.	130	0	0	118	2	5	71	326
68	COCHIN SHIPYARD LTD.	410	0	158	1315	91	6906	1027	9907
69	ELECTRONICS CORPN. OF INDIA LTD.	1184	0	0	298	45	4030	5431	10988
70	HEAVY ENGINEERING CORPN. LTD.	518	0	28	584	44	1	1630	2805
71	HINDUSTAN CABLES LTD.	0	0	0	0	0	0	0	0
72	HMT LTD.	32	0	0	31	0	0	107	170
73	HMT MACHINE TOOLS LTD.	226	70	8	363	64	805	68	1604
74	HMT WATCHES LTD.	0	0	0	0	0	0	0	0
75	HOOGLY DOCK AND PORT ENGINEERS LTD.	0	0	0	0	0	0	0	0
76	HOOGLY COCHIN SHIPYARD LTD.	14	1	0	5	0	0	26	46
77	I T I LTD.	1072	0	0	245	0	0	801	2118
78	INSTRUMENTATION LTD.	36	0	42	69	10	0	243	400
79	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	67	0	52	54	20	489	17	699
80	RICHARDSON & CRUDDAS(1972) LTD.	3	0	0	0	0	0	0	3
81	SAIL REFRACTORY COMPANY LTD.	13	0	0	60	0	0	0	73
82	SCOOTERS INDIA LTD.	0	0	0	0	0	0	0	0
83	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	0	0	0	0	0
84	UDUPI COCHIN SHIPYARDS LTD.	9	0	0	2	0	0	82	93
SUB TOTAL:		14440	92	4844	17893	815	12534	25985	76603
INDUSTRIAL AND CONSUMER GOODS									
85	ANDREW YULE & COMPANY LTD.	127	350	60	853	12835	0	0	14225
86	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	104	0	0	166	7	561	86	924
87	CEMENT CORPN. OF INDIA LTD.	113	92	0	181	0	0	1228	1614
88	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	0	0	0	0	0

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
89	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	0	0	0	0
90	HINDUSTAN SALTS LTD.	27	0	11	2	33	16	18	107
91	HLL LIFECARE LTD.	397	0	146	438	309	0	2433	3723
92	NAGALAND PULP & PAPER COMPANY LTD.	0	0	0	0	0	0	0	0
93	NEPA LTD.	86	0	0	91	0	53	306	536
94	SAMBHAR SALTS LTD.	16	0	11	25	17	272	65	406
95	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	361	487	453	3380	1306	41	1336	7364
SUB TOTAL:		1231	929	681	5136	14507	943	5472	28899
TEXTILES									
96	APOLLO DESIGN APPAREL PARKS LTD.	16	0	14	0	0	0	268	298
97	AURANGABAD TEXTILES & APPAREL PARKS LTD.	5	0	0	0	0	0	18	23
98	BIRDS JUTE & EXPORTS LTD.	0	0	0	0	0	0	0	0
99	BRITISH INDIA CORPORATION LTD.	0	0	0	0	0	0	0	0
100	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	18	0	13	0	2	0	325	358
101	INDIA UNITED TEXTILE MILLS LTD.	7	0	0	0	0	0	33	40
102	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0	0	0	0	0	0
103	NATIONAL TEXTILE CORPN. LTD.	219	188	54	2887	834	4927	1152	10261
SUB TOTAL:		265	188	81	2887	836	4927	1796	10980
POWER GENERATION									
104	BHARTIYA RAIL BIJLEE CO. LTD.	231	0	0	35	0	0	1829	2095
105	BUNDELKHAND SAUR URJA LTD.	13	0	0	0	0	0	17	30
106	CIL SOLAR PV LIMITED	0	0	0	0	0	0	0	0
107	NHDC LTD.	225	0	34	69	109	0	1061	1498
108	NHPC LTD.	3084	0	293	1029	370	0	7022	11798
109	NLC INDIA LTD.	2923	0	374	5576	1507	0	17714	28094
110	NLC TAMIL NADU POWER LTD.	158	22	5	0	0	0	1562	1747
111	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	667	0	204	589	55	0	47	1562
112	NTPC GREEN ENERGY LIMITED	40	0	0	0	0	0	0	40

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non-Unionised	Skilled	Unskilled	Workers	Employees	
113	NTPC LTD.	11109	0	8	5039	337	0	243	16736
114	NUCLEAR POWER CORPN. OF INDIA LTD.	4165	0	1887	4600	0	0	24957	35609
115	RATNAGIRI GAS & POWER PVT. LTD.	61	0	0	0	0	0	1	62
116	SJVN GREEN ENERGY LTD.	0	0	0	53	0	0	19	72
117	SJVN LTD.	649	1	204	244	23	0	186	1307
118	THDC INDIA LTD.	780	0	263	336	184	0	9288	10851
SUB TOTAL:		24105	23	3272	17570	2585	0	63946	111501
POWER TRANSMISSION									
119	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	0	0	0	0	0	0
120	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	20	0	0	0	0	0	0	20
121	GRID CONTROLLER OF INDIA LTD.	577	0	37	29	0	0	0	643
122	NTPC ELECTRIC SUPPLY COMPANY LTD.	1	0	0	0	0	0	0	1
123	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	0	0	0	0	0	0
124	POWER GRID AJMER PHAGI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
125	POWER GRID BHIND GUNA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
126	POWER GRID BHUJ TRANSMISSION LTD	0	0	0	0	0	0	0	0
127	POWER GRID CORPORATION OF INDIA LTD.	4524	0	2074	1713	11	0	368	8690
128	POWER GRID FATEGARH TRANSMISSION LTD	0	0	0	0	0	0	0	0
129	POWER GRID KHETRI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
130	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	0	0	0	0	0	0	0	0
131	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD	0	0	0	0	0	0	0	0
132	POWER GRID RAMPUR SAMBHAL 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

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non-Unionised	Skilled	Unskilled	Workers	Employees	
134	POWER GRID VARANASI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
135	POWERGRID GOMTI YAMUNA TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
136	POWERGRID HIMACHAL TRANSMISSION LTD.	10	0	5	10	0	0	0	25
137	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	0	0	0	0	0	0	0	0
138	POWERGRID NM TRANSMISSION LTD.	0	0	0	0	0	0	0	0
139	POWERGRID UNCHAHAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
140	REC POWER DEVELOPMENT & CONSULTANCY LTD.	48	0	0	0	0	0	689	737
SUB TOTAL:		5180	0	2116	1752	11	0	1057	10116
TRADING & MARKETING									
141	ANTRIX CORPORATION LTD.	11	0	6	0	0	22	3	42
142	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	101	8	0	1	78	99	5	292
143	FOOD CORPN. OF INDIA	5544	15714	0	1594	26713	0	0	49565
144	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	0	0	0	0	0	0
145	HMT (INTERNATIONAL) LTD.	19	0	0	0	0	0	0	19
146	INDIA TRADE PROMOTION ORGANISATION	85	0	30	106	173	0	2	396
147	KARNATAKA TRADE PROMOTION ORGANISATION	0	0	0	0	0	0	0	0
148	M M T C LTD.	240	259	0	10	13	0	0	522
149	M S T C LTD.	227	73	0	0	0	0	0	300
150	NATIONAL FILM DEV. CORPN. LTD.	13	9	4	4	22	0	69	121
151	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	57	0	22	37	0	0	35	151
152	NEWSPACE INDIA LTD.	10	0	0	0	0	0	7	17
153	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	2	10	0	6	19	27	17	81

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
154	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	1	0	0	0	1	15	30	47
155	NTPC VIDYUT VYAPAR NIGAM LTD.	33	0	0	0	0	0	4	37
156	P E C LTD.	0	0	0	0	0	0	0	0
157	STATE TRADING CORPN. OF INDIA LTD.	89	0	0	35	25	0	0	149
158	STCL LTD.	0	0	0	0	0	0	0	0
159	TAMIL NADU TRADE PROMOTION ORGANISATION	7	0	0	0	0	0	212	219
160	THE COTTON CORPN. OF INDIA LTD.	128	579	0	0	0	0	30	737
161	THE JUTE CORPN. OF INDIA LTD.	58	0	0	59	0	23	131	271
SUB TOTAL:		6625	16652	62	1852	27044	186	545	52966
TRANSPORT AND LOGISTIC SERVICES									
162	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	60	44	0	0	0	0	777	881
163	AI AIRPORT SERVICES LTD.	32	76	0	161	483	0	16399	17151
164	AI ENGINEERING SERVICES LTD.	457	112	0	1449	105	153	2732	5008
165	AIRPORTS AUTHORITY OF INDIA	10091	2232	0	1741	1997	23	17980	34064
166	ALLIANCE AIR AVIATION LTD.	260	210	0	482	0	0	0	952
167	BPCL-KIAL FUEL FARM PVT. LTD.	1	0	0	1	0	0	0	2
168	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0	0	0	0	0	0
169	CENTRAL WAREHOUSING CORPN.	999	832	0	150	127	0	0	2108
170	CHANDIGARH INTERNATIONAL AIRPORT LTD.	20	0	0	0	0	0	3	23
171	CONCOR AIR LTD.	1	0	2	3	0	0	0	6
172	CONTAINER CORPORATION OF INDIA LTD.	359	0	551	409	0	0	0	1319
173	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1224	0	0	646	756	0	24	2650
174	FRESH & HEALTHY ENTERPRISES LTD.	0	0	0	0	4	0	0	4
175	GAIL (INDIA) LTD.	4000	90	0	690	43	0	67	4890
176	GAIL GAS LTD.	0	0	0	0	0	0	0	0

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
177	INLAND & COASTAL SHIPPING LTD.	0	0	0	0	0	0	0	0
178	KONKAN LNG LIMITED	57	0	0	0	0	165	25	247
179	PAWAN HANS LTD.	130	81	0	45	0	0	313	569
180	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0	0	0	0	2	2
181	SHIPPING CORPORATION OF INDIA LTD.	465	44	0	0	0	89	204	802
182	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	0	0	0	0	4	4
183	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	4	0	2	0	0	0	0	6
SUB TOTAL:		18160	3721	555	5777	3515	430	38530	70688
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES									
184	AGRINNOVATE INDIA LTD.	0	0	0	0	0	0	14	14
185	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	38	16	5	8	5	473	13	558
186	BRIDGE & ROOF CO.(INDIA) LTD.	650	221	0	129	28	0	471	1499
187	BROADCAST ENGG. CONSULTANTS INDIA LTD.	54	0	13	0	0	0	272	339
188	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	815	943	0	583	514	0	1097	3952
189	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	62	0	3	0	0	0	34	99
190	CHHATTISGARH EAST RAILWAYS LTD.	7	5	0	0	0	0	0	12
191	DELHI POLICE HOUSING CORPORATION LTD.	0	0	0	0	0	0	19	19
192	EdCIL(India) Ltd.	69	0	12	16	0	30	45	172
193	ENGINEERING PROJECTS (INDIA) LTD.	224	0	9	15	0	0	65	313
194	ENGINEERS INDIA LTD.	1768	0	753	121	0	0	5	2647
195	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0	0	0	0	5	5
196	HINDUSTAN PREFAB LTD.	0	0	0	0	0	0	0	0
197	HINDUSTAN STEELWORKS COSTN. LTD.	25	0	1	0	2	0	160	188
198	HLL INFRA TECH SERVICES LTD.	122	0	11	0	0	110	214	457
199	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	0	0	0	0	0	0
200	HSCC (INDIA) LTD.	123	0	28	5	3	0	78	237
201	HSRC INFRA SERVICES LTD.	6	0	0	0	0	0	30	36

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
202	IIFCL PROJECTS LTD.	12	0	0	0	0	0	0	12
203	INDIA PORTS GLOBAL LTD	2	0	0	0	0	0	3	5
204	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	1	0	0	0	0	0	0	1
205	IRCON BHOJ MORBE EXPRESSWAY LTD.	1	0	0	0	0	0	1	2
206	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	2	0	0	0	0	0	2	4
207	IRCON GURGAON REWARI HIGHWAY SERVICES	3	0	0	0	0	0	1	4
208	IRCON HARIDWAR BYPASS LIMITED	1	0	0	0	0	0	0	1
209	IRCON INFRASTRUCTURE & SERVICES LTD.	31	0	3	0	0	0	33	67
210	IRCON INTERNATIONAL LTD.	729	0	203	0	0	0	372	1304
211	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	1	0	0	0	0	0	1	2
212	IRCON PB TOLLWAY LTD.	3	0	0	0	0	0	7	10
213	IRCON SHIVPURI GUNA TOLLWAY LTD.	3	0	1	0	0	0	5	9
214	IRCON VADODARA KIM EXPRESSWAY LTD.	7	0	0	0	0	0	2	9
215	KONKAN RAILWAY CORPORATION LTD.	242	1265	0	3255	663	0	305	5730
216	MECON LTD.	958	108	0	0	0	47	1699	2812
217	MINERAL EXPLORATION CORPN. LTD.	279	187	0	389	0	0	827	1682
218	MUMBAI RAILWAY VIKAS CORPORATION LTD.	46	0	4	0	5	0	124	179
219	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	61	0	0	0	0	0	102	163
220	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	169	50	0	33	0	0	225	477
221	NATIONAL RESEARCH DEVELOPMENT CORPN.	34	0	2	12	6	3	14	71
222	NATIONAL SMALL INDUSTRIES CORPN. LTD.	467	82	0	57	9	0	16	631
223	NBCC (INDIA) LTD.	469	127	430	163	168	0	195	1552
224	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	0	0	0	0	0	0
225	NBCC INTERNATIONAL LTD.	0	0	0	0	0	0	0	0
226	NBCC SERVICES LTD.	0	0	0	0	0	0	0	0

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
227	PFC CONSULTING LTD.	0	0	0	33	0	1	0	34
228	PROJECTS & DEVELOPMENT INDIA LTD.	281	0	11	8	0	0	66	366
229	RAIL VIKAS NIGAM LTD.	413	0	0	3	32	0	769	1217
230	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	0	0	0	0	0	0	0	0
231	rites LTD.	1350	0	140	169	126	0	637	2422
232	SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED	0	0	0	0	0	0	0	0
233	SOLAR ENERGY CORPORATION OF INDIA	102	0	9	0	0	0	118	229
234	TCIL BINA TOLL ROAD LTD.	2	0	2	0	0	4	19	27
235	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	0	1	15	0	0	16
236	WAPCOS LTD.	712	0	169	1	103	149	976	2110
SUB TOTAL:		10344	3004	1809	5001	1679	817	9041	31695
HOTEL AND TOURIST SERVICES									
237	HOTEL CORPN. OF INDIA LTD.	23	26	38	141	122	210	186	746
238	INDIA TOURISM DEV. CORPN. LTD.	161	20	0	291	42	0	41	555
239	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	281	0	588	531	0	656	162	2218
240	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1	0	6	6	0	0	34	47
241	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	0	7	0	0	0	7
242	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0	0	0	0	0	0
SUB TOTAL:		466	46	632	976	164	866	423	3573
FINANCIAL SERVICES									
243	AIR INDIA ASSETS HOLDING LTD	0	0	0	0	0	0	15	15
244	BALMER LAWRIE INVESTMENTS LTD.	0	0	0	0	0	0	0	0
245	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	49	0	10	0	0	0	41	100
246	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	11	0	0	0	0	0	12	23
247	E. C. G. C. LTD.	253	320	0	20	4	51	1	649

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S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non-Unionised	Skilled	Unskilled	Workers	Employees	
248	EASTERN INVESTMENT LTD.	1	0	0	0	0	0	0	1
249	HOUSING & URBAN DEV. CORPN. LTD.	556	0	12	31	74	0	0	673
250	IIFCL ASSET MANAGEMENT COMPANY LTD.	2	0	0	0	0	0	6	8
251	INDIA INFRASTRUCTURE FINANCE CO. LTD.	95	0	0	0	0	0	8	103
252	INDIAN RAILWAY FINANCE CORPORATION LTD.	25	0	16	0	0	0	71	112
253	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	144	0	2	1	13	0	60	220
254	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	12	0	3	0	0	3	1	19
255	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	1	0	0	0	0	0	0	1
256	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	25	0	14	15	0	0	0	54
257	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.	13	0	1	16	5	0	19	54
258	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	20	2	0	0	15	5	1	43
259	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	13	0	7	0	0	0	26	46
260	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	45	0	8	24	0	0	0	77
261	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	28	0	3	19	0	0	20	70
262	NMDC CSR FOUNDATION	0	0	0	0	0	0	7	7
263	NSIC VENTURE CAPITAL FUND LTD.	0	0	0	0	0	0	1	1
264	POWER FINANCE CORPORATION LTD.	500	0	0	19	0	0	54	573
265	REC LTD.	379	0	0	12	28	0	1	420
266	SAGARMALA DEVELOPMENT COMPANY LTD.	3	0	0	0	0	0	6	9
SUB TOTAL:		2175	322	76	157	139	59	350	3278

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S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
TELECOMMUNICATION & INFORMATION TECHNOLOGY									
267	BHARAT BROADBAND NETWORK LTD.	27	0	0	0	0	0	2090	2117
268	BHARAT SANCHAR NIGAM LTD.	29750	0	0	30354	0	3336	9169	72609
269	MAHANAGAR TELEPHONE NIGAM LTD.	1212	0	0	1473	880	0	51	3616
270	MILLENNIUM TELECOM LTD.	0	0	0	0	0	0	0	0
271	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	1	0	0	0	0	0	0	1
272	RAILTEL CORPORATION INDIA LTD.	501	0	16	2	0	1883	233	2635
273	RAILTEL ENTERPRISES LTD.	2	0	0	0	0	0	0	2
274	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	344	256	0	96	0	0	10	706
SUB TOTAL:		31837	256	16	31925	880	5219	11553	81686
UNDER CONSTRUCTION									
275	ANANTHPURAM KURNOOL TRANSMISSION LTD.	0	0	0	0	0	0	0	0
276	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	0	0	0	0	0	0
277	BASTAR RAILWAY PRIVATE LIMITED	0	0	0	0	0	0	0	0
278	BEAWAR DAUSA TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
279	BEAWAR TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
280	BHADLA III TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
281	BHADLA SIKAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
282	BHARAT PETRO RESOURCES JPDA	0	0	0	0	0	0	0	0
283	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	178	0	83	191	0	0	0	452
284	BIDAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
285	BIHAR INFRAPOWER LTD.	0	0	0	0	0	0	0	0
286	BIHAR MEGA POWER LTD.	0	0	0	0	0	0	0	0
287	BSNL TOWER CORPORATION	0	0	0	0	0	0	0	0
288	CHANDIL TRANSMISSION LTD.	0	0	0	0	0	0	0	0

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S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
289	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	248	0	40	19	0	0	5202	5509
290	CHEYUR INFRA LTD.	0	0	0	0	0	0	0	0
291	CHHATARPUR TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
292	CHHATTISGARH COPPER LTD	0	0	0	0	0	0	0	0
293	CHHATTISGARH EAST-WEST RAILWAYS LTD.	7	3	0	0	0	0	0	10
294	CHHATTISGARH MEGA STEEL CO. LTD.	0	0	0	0	0	0	0	0
295	CIL NAVIKARNIYA URJA LIMITED	0	0	0	0	0	0	0	0
296	COASTAL TAMIL NADU POWER LTD.	0	0	0	0	0	0	0	0
297	DEOGHAR AIRPORT LTD	0	0	0	0	0	0	0	0
298	DEOGHAR INFRA LTD.	0	0	0	0	0	0	0	0
299	DEOGHAR MEGA POWER LTD.	0	0	0	0	0	0	0	0
300	DHALBHUMGARH AIRPORT LTD	0	0	0	0	0	0	0	0
301	DHARAMJAIGARH TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
302	DHOLERA INTERNATIONAL AIRPORT	0	0	0	0	0	0	4	4
303	DUMKA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
304	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	0	0	0	0	0	0	0	0
305	ERWR POWER TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
306	FATEHGARH III BEAWAR TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
307	FATEHGARH III TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
308	FATEHGARH IV TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
309	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	0	0	0
310	GREEN VALLEY RENEWABLE ENERGY LIMITED	0	0	0	0	0	0	0	0
311	HLL BIOTECH LTD.	0	0	0	0	0	0	0	0
312	HLL MEDIPARK LTD	0	0	0	0	0	0	0	0
313	HPCL LNG LTD.	18	1	0	0	0	0	0	19
314	HPCL RAJASTHAN REFINERY LTD.	74	0	0	0	0	0	24645	24719

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S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
315	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	0	0	0	0	0	0	0	0
316	INDO RUSSIAN HELICOPTERS LTD.	0	0	0	0	0	0	3	3
317	IRCON RENEWABLE POWER LTD.	0	0	0	0	0	0	3	3
318	IREL IDCOL LTD.	0	0	0	0	0	0	0	0
319	ITPO SERVICES LTD.	0	0	0	0	0	0	0	0
320	JAGDISHPUR PAPER MILLS LTD.	0	0	0	0	0	0	0	0
321	JALPOWER CORPORATION LTD.	46	0	6	2	0	0	34	88
322	JHARKHAND CENTRAL RAILWAY LTD.	1	0	0	0	0	0	5	6
323	JHARKHAND INFRAPOWER LTD.	0	0	0	0	0	0	0	0
324	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	0	0	0	0	0	0
325	KARMYOGI BHARAT	1	0	0	0	0	0	26	27
326	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	0	0	0	0	0	0
327	KHAVDA II-B TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
328	KHAVDA II-C TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
329	KHAVDA II-D TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
330	KHAVDA RE TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
331	KODERMA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
332	KOLKATA METRO RAIL CORPORATION LTD.	6	0	0	0	0	0	52	58
333	KPS 1 TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
334	KPS2 TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
335	KPS3 TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
336	LANCOTEESTA HYDRO POWER LTD	91	0	5	3	0	0	79	178
337	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	9	0	1	0	0	0	16	26
338	LUDHIANA INTERNATIONAL AIRPORT LTD.	0	0	0	0	0	0	0	0

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
339	LUHRI POWER TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
340	MAHANADI BASIN POWER LTD.	3	0	0	0	0	0	0	3
341	MAHANADI COAL RAILWAY LTD.	0	0	0	0	0	0	2	2
342	MAMC INDUSTRIES LTD.	0	0	0	0	0	0	0	0
343	MANDAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
344	MEERUT SHAMLI POWER TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
345	MJSJ COAL LTD.	0	0	0	0	0	0	0	0
346	MNH SHAKTI LTD.	3	1	0	0	0	0	0	4
347	NATIONAL LAND MONETIZATION CORPORATION LIMITED	0	0	0	0	0	0	0	0
348	NERES XVI POWER TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
349	NEW CITY OF BOMBAY MFG. MILLS LTD.	0	0	0	0	0	0	0	0
350	NEYVELI UTTAR PRADESH POWER LTD	216	0	1	0	0	0	0	217
351	NMDC STEEL LTD.	0	0	0	0	0	0	392	392
352	NMDC-CMDC LTD.	2	0	0	0	0	5	5	12
353	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	0	0	0	0	0	0	0	0
354	NTPC EDMC WASTE SOLUTIONS	0	0	0	3	0	0	0	3
355	NTPC MINING LTD	0	0	0	0	0	0	0	0
356	NTPC RENEWABLE ENERGY LTD.	61	0	0	3	0	0	10	74
357	ODISHA INFRAPOWER LTD.	0	0	0	0	0	0	0	0
358	ORISSA INTEGRATED POWER LTD.	0	0	0	0	0	0	0	0
359	PATRATU VIDYUT UTPADAN NIGAM LTD.	152	0	0	3	0	0	0	155
360	PFC PROJECTS LTD.	0	0	0	0	0	0	0	0
361	POWER ENERGY SERVICES LTD.	0	0	0	0	0	0	0	0
362	POWER GRID RAMGARH TRANSMISSION LTD.	0	0	0	0	0	0	0	0
363	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
364	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non- Unionised	Skilled	Unskilled	Workers	Employees	
365	POWERGRID BHADLA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
366	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED	0	0	0	0	0	0	0	0
367	POWERGRID ER NER TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
368	POWERGRID NARELA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
369	POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED	0	0	0	0	0	0	0	0
370	POWERGRID SIKAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
371	POWERGRID TELESERVICES LTD.	0	0	0	0	0	0	0	0
372	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	0	0	0	0	0	0
373	RAIPUR POOL DHAMTARI TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
374	RAMGARH II TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
375	RATLE HYDROELECTRIC POWER CORPORATION LTD.	0	0	0	0	0	0	80	80
376	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	0	0	0
377	SIKAR KHETRI TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
378	SIOT TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
379	SJVN THERMAL PVT. LTD.	72	0	15	5	14	0	119	225
380	TUSCO LTD.	18	0	2	0	0	19	29	68
381	YULE ELECTRICAL LTD.	0	0	0	0	0	0	0	0
382	YULE ENGINEERING COMPANY LTD.	0	0	0	0	0	0	0	0
SUB TOTAL:		1206	5	153	229	14	24	30706	32337
DEFENCE PRODUCTION									
383	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	1794	1408	1559	7940	346	2170	1	15218
384	ARMOURED VEHICLES NIGAM LIMITED	1545	0	1997	7641	167	4	1906	13260
385	BEL OPTRONICS DEVICES LTD.	33	0	0	96	0	0	45	174
386	BEL-THALES SYSTEMS LTD.	0	0	0	0	0	13	7	20
387	BEML LTD.	1908	1456	0	1827	6	0	4688	9885

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated	Contract Workers /	Total
			Unionised	Non-Unionised	Skilled	Unskilled	Workers	Employees	
388	BHARAT DYNAMICS LTD.	807	0	0	1582	171	1465	244	4269
389	BHARAT ELECTRONICS LTD.	5825	0	381	2493	133	0	9996	18828
390	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	461	56	132	928	92	0	79	1748
391	GLIDERS INDIA LIMITED	0	0	0	0	0	131	3	134
392	GOA SHIPYARD LTD.	235	0	112	688	155	0	87	1277
393	HINDUSTAN AERONAUTICS LTD.	7550	0	0	16903	4	154	10486	35097
394	HINDUSTAN SHIPYARD LTD.	292	104	0	304	1	0	439	1140
395	INDIA OPTEL LIMITED	395	0	294	2040	0	282	4	3015
396	MAZAGON DOCK SHIPBUILDERS LTD.	941	168	0	1746	132	4682	2927	10596
397	MISHRA DHATU NIGAM LTD.	248	0	25	365	113	484	90	1325
398	MUNITIONS INDIA LTD.	2863	2429	2587	14196	531	0	4198	26804
399	NAINI AEROSPACE LTD.	7	94	0	0	0	5	51	157
400	TROOP COMFORTS LIMITED	0	0	0	0	0	0	0	0
401	VIGNYAN INDUSTRIES LTD.	0	0	0	0	0	0	0	0
402	YANTRA INDIA LIMITED	1222	0	2412	7480	0	0	2380	13494
SUB TOTAL:		26126	5715	9499	66229	1851	9390	37631	156441
GRAND TOTAL :		232534	74505	25078	339599	171164	60345	587265	1490490

STATEMENT - H

Representation of SCs, STs and OBCs in the CPSEs under different Ministries/Departments as on 31.3.2023

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				
		Group A Managerial/ Executives Level			Group B Supervisory Level			Group C Workers (Skilled)			Group D Workers (Un-Skilled)			Total Employees							
MINISTRY OF AGRICULTURE AND FARMERS WELFARE																					
D/O AGRICULTURE COOPERATION AND FARMERS WELFARE																					
1	NATIONAL SEEDS CORPN. LTD.	190	25	11	41	32	2	0	5	570	85	36	140	425	123	15	121	235	62	307	
SUB TOTAL:		190	25	11	41	32	2	0	5	570	85	36	140	425	123	15	121	235	62	307	
MINISTRY OF AGRICULTURE AND FARMERS WELFARE																					
D/O AGRICULTURE RESEARCH AND EDUCATION																					
2	AGRINNOVATE INDIA LTD.	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	
MINISTRY OF AYUSH																					
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	21	3	0	3	64	20	1	0	0	0	0	0	0	0	0	85	23	1	3	
SUB TOTAL:		21	3	0	3	64	20	1	0	0	0	0	0	0	0	0	85	23	1	3	
MINISTRY OF CHEMICALS & FERTILIZERS																					
D/O CHEMICALS & PETROCHEMICALS																					
4	HIL (INDIA) LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	HINDUSTAN ORGANIC CHEMICALS LTD.	80	8	5	13	23	5	3	5	78	13	2	34	10	1	0	9	27	10	61	
SUB TOTAL:		80	8	5	13	23	5	3	5	78	13	2	34	10	1	0	9	27	10	61	
MINISTRY OF CHEMICALS & FERTILIZERS																					
D/O FERTILIZER																					
6	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	270	12	29	86	35	4	12	16	107	12	15	30	0	0	0	412	28	56	132	
7	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	26	3	0	7	0	0	0	0	8	0	0	2	1	0	0	35	3	0	9	
8	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	617	88	29	199	0	0	0	0	850	109	20	403	79	14	2	36	211	51	638	
9	MADRAS FERTILIZERS LTD.	289	70	5	122	0	0	0	0	167	45	0	115	13	11	0	2	469	126	5	239

(Cont.)

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					
10	NATIONAL FERTILIZERS LTD.	1454	281	69	196	0	0	0	0	1441	311	78	279	69	36	1	17	2964	628	148	492					
11	PROJECTS & DEVELOPMENT INDIA LTD.	281	43	17	66	11	2	1	2	8	3	0	0	0	0	0	0	300	48	18	68					
12	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	751	139	42	151	1262	194	107	241	590	82	39	212	52	9	5	18	2655	424	193	622					
SUB TOTAL:		3688	636	191	827	1308	200	120	259	3171	562	152	1041	214	70	8	73	8381	1468	471	2200					
MINISTRY OF CHEMICALS & FERTILIZERS																										
D/O PHARMACEUTICALS																										
13	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	46	4	0	3	17	2	1	0	30	5	0	1	30	5	0	1	123	16	1	5					
14	HINDUSTAN ANTIBIOTICS LTD.	96	13	3	9	0	0	0	0	237	19	10	52	78	18	7	10	411	50	20	71					
15	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	199	26	7	35	0	0	0	0	345	42	3	81	0	0	0	0	544	68	10	116					
SUB TOTAL:		341	43	10	47	17	2	1	0	612	66	13	134	108	23	7	11	1078	134	31	192					
MINISTRY OF CIVIL AVIATION																										
16	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	60	10	2	12	44	14	2	14	0	0	0	0	0	0	0	0	104	24	4	26					
17	AI AIRPORT SERVICES LTD.	32	0	0	0	76	0	0	0	161	0	0	0	483	0	0	0	752	0	0	0					
18	AI ENGINEERING SERVICES LTD.	457	59	24	63	112	21	11	22	1449	276	139	244	105	31	9	2	2123	387	183	331					
19	AIR INDIA ASSETS HOLDING LTD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
20	AIRPORTS AUTHORITY OF INDIA	10091	1687	739	2782	2232	466	208	570	1741	315	281	614	1997	834	143	286	16061	3302	1371	4252					
21	ALLIANCE AIR AVIATION LTD.	260	28	6	23	210	41	17	48	482	67	28	107	0	0	0	0	952	136	51	178					
22	CHANDIGARH INTERNATIONAL AIRPORT LTD.	20	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	20	3	0	1					

(Cont.)

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					
23	HOTEL CORPN. OF INDIA LTD.	23	6	3	0	64	20	2	10	141	13	9	16	122	39	10	22	350	78	24	48					
24	PAWAN HANS LTD.	130	13	2	9	81	24	11	9	45	10	12	8	0	0	0	0	256	47	25	26					
SUB TOTAL:		11073	1806	776	2890	2819	586	251	673	4019	681	469	989	2707	904	162	310	20618	3977	1658	4862					
MINISTRY OF COAL																										
25	BHARAT COKING COAL LTD.	2001	257	82	456	4311	813	506	944	11905	2485	1292	3214	18820	2720	1760	3897	37037	6275	3640	8511					
26	CENTRAL COALFIELDS LTD.	2333	256	179	519	3203	273	197	624	14514	2725	2301	3327	14925	3714	3138	4534	34975	6968	5815	9004					
27	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	815	100	38	159	943	150	81	252	583	93	67	166	514	68	65	165	2855	411	251	742					
28	CHHATTISGARH EAST RAILWAYS LTD.	7	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0					
29	COAL INDIA LTD.	431	31	10	41	285	16	11	19	415	28	3	0	203	6	9	8	1334	81	33	68					
30	EASTERN COALFIELDS LTD.	2241	478	172	404	3539	268	142	483	17453	6728	2981	6728	27841	6836	3125	6836	51074	14310	6420	14451					
31	MAHANADI COALFIELDS LTD.	1889	284	156	490	3552	346	240	184	7831	751	424	139	8550	1342	955	280	21822	2723	1775	1093					
32	NLC INDIA LTD.	2923	628	274	564	374	68	4	185	5576	1096	61	1972	1507	391	5	873	10380	2183	344	3594					
33	NLC TAMIL NADU POWER LTD.	158	32	16	42	27	5	2	8	0	0	0	0	0	0	0	0	185	37	18	50					
34	NORTHERN COALFIELDS LTD.	1738	204	60	339	2997	490	320	609	8065	1305	993	1655	953	315	216	205	13753	2314	1589	2808					
35	SOUTH EASTERN COALFIELDS LTD.	2698	437	280	472	5865	347	420	631	17884	3602	4965	6022	15518	2476	3193	2852	41965	6862	8858	9977					
36	WESTERN COALFIELDS LTD.	2148	457	123	370	6736	863	449	1432	11563	2267	1174	5102	13943	2925	1472	4715	34390	6512	3218	11619					
SUB TOTAL:		19382	3164	1390	3856	31837	3639	2372	5371	95789	21080	14261	28325	102774	20793	13938	24365	249782	48676	31961	61917					
MINISTRY OF COMMERCE & INDUSTRY																										
D/O COMMERCE																										
37	E. C. G. C. LTD.	253	45	19	61	320	57	28	78	20	3	3	1	4	1	0	1	597	106	50	141					
38	INDIA TRADE PROMOTION ORGANISATION	85	18	3	15	30	10	1	0	106	22	4	20	173	50	2	6	394	100	10	41					
39	KARNATAKA TRADE PROMOTION ORGANISATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
40	M M T C LTD.	240	51	19	30	259	56	44	18	10	3	0	0	13	0	0	0	522	110	63	48					

(Cont.)

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 DEFENCE																													
D/O DEFENCE PRODUCTION																													
53	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	1794	356	94	412	2967	650	134	691	7940	1892	374	2057	346	101	15	38	13047	2999	617	3198								
54	ARMOURED VEHICLES NIGAM LIMITED	1545	260	127	379	1997	341	73	555	7641	1744	499	2836	167	58	40	57	11350	2403	739	3827								
55	BEL OPTRONICS DEVICES LTD.	33	1	0	11	0	0	0	0	96	10	2	39	0	0	0	0	129	11	2	50								
56	BEL-THALES SYSTEMS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
57	BEML LTD.	1908	354	104	508	1456	243	102	283	1827	529	106	476	6	4	0	0	5197	1130	312	1267								
58	BHARAT DYNAMICS LTD.	807	149	86	247	0	0	0	0	1582	308	109	686	171	46	14	70	2560	503	209	1003								
59	BHARAT ELECTRONICS LTD.	5825	1096	399	1435	381	36	4	55	2493	479	130	752	133	0	0	0	8832	1611	533	2242								
60	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	461	81	30	136	188	53	13	67	928	230	33	112	92	26	8	8	1669	390	84	323								
61	GLIDERS INDIA LIMITED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
62	GOA SHIPYARD LTD.	235	33	22	57	112	2	6	19	688	38	86	227	155	13	14	25	1190	86	128	328								
63	HINDUSTAN AERONAUTICS LTD.	7550	1366	476	1962	0	0	0	0	16903	3001	1321	4856	4	1	0	1	24457	4368	1797	6819								
64	HINDUSTAN SHIPYARD LTD.	292	56	25	95	104	18	23	30	304	72	39	121	1	0	0	0	701	146	87	246								
65	INDIA OPTEL LIMITED	395	56	21	33	294	61	11	17	2040	500	66	382	0	0	0	0	2729	617	98	432								
66	MAZAGON DOCK SHIPBUILDERS LTD.	941	180	63	275	168	0	0	0	1746	257	152	562	132	0	0	0	2987	437	215	837								
67	MISHRA DHATU NIGAM LTD.	248	43	13	67	25	0	4	15	365	70	39	154	113	17	7	56	751	130	63	292								
68	MUNITIONS INDIA LTD.	2863	0	0	0	5016	0	0	0	14196	0	0	0	531	0	0	0	22606	0	0	0								
69	NAINI AEROSPACE LTD.	7	0	0	1	94	17	0	28	0	0	0	0	0	0	0	0	101	17	0	29								
70	TROOP COMFORTS LIMITED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
71	YANTRA INDIA LIMITED	1222	225	89	286	2412	486	122	474	7480	1960	624	2179	0	0	0	0	11114	2671	835	2939								
SUB TOTAL:		26126	4256	1549	5904	15214	1907	492	2234	66229	11090	3580	15439	1851	266	98	255	109420	17519	5719	23832								

(Cont.)

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				
		Group A Managerial/ Executives Level			Group B Supervisory Level			Group C Workers (Skilled)			Group D Workers (Un-Skilled)			Total Employees							
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION																					
72	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	2	0	0	2	10	1	3	4	6	1	0	2	19	0	5	0	37	2	8	8
73	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0
SUB TOTAL:		3	0	0	2	10	1	3	4	6	1	0	2	20	0	5	0	39	2	8	8
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY																					
74	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
SUB TOTAL:		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MINISTRY OF FINANCE																					
D/O FINANCIAL SERVICES																					
75	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	11	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	11	2	0	2
76	IIFCL ASSET MANAGEMENT COMPANY LTD.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
77	IIFCL PROJECTS LTD.	12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	1
78	INDIA INFRASTRUCTURE FINANCE CO. LTD.	95	13	3	21	0	0	0	0	0	0	0	0	0	0	0	0	95	13	3	21
SUB TOTAL:		120	15	3	24	0	0	0	0	0	0	0	0	0	0	0	0	120	15	3	24
MINISTRY OF FINANCE																					
D/O ECONOMIC AFFAIRS																					
79	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	361	54	18	78	940	148	74	196	3380	517	351	473	1306	380	71	378	5987	1099	514	1125
SUB TOTAL:		361	54	18	78	940	148	74	196	3380	517	351	473	1306	380	71	378	5987	1099	514	1125

(Cont.)

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			
MINISTRY OF HEALTH & FAMILY WELFARE																								
DEPARTMENT OF HEALTH AND FAMILY WELFARE																								
80	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	16	0	0	5	32	0	0	18	1	0	0	1	94	5	0	71	143	5	0	95			
81	HLL INFRA TECH SERVICES LTD.	122	13	2	21	11	0	0	1	0	0	0	0	0	0	0	0	133	13	2	22			
82	HLL LIFECARE LTD.	397	7	0	11	146	6	2	5	438	8	2	28	309	15	2	38	1290	36	6	82			
SUB TOTAL:		535	20	2	37	189	6	2	24	439	8	2	29	403	20	2	109	1566	54	8	199			
MINISTRY OF HEAVY INDUSTRIES																								
83	ANDREW YULE & COMPANY LTD.	127	0	0	0	410	0	0	0	853	0	0	0	12835	1148	3926	7631	14225	1148	3926	7631			
84	BHARAT HEAVY ELECTRICALS LTD.	10182	1886	889	2865	4363	825	332	1237	14613	3340	976	6719	373	75	44	143	29531	6126	2241	10964			
85	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	38	6	0	2	21	1	0	3	8	0	0	0	5	2	0	0	72	9	0	5			
86	BRIDGE & ROOF CO.(INDIA) LTD.	650	111	9	70	221	14	1	15	129	21	3	10	28	0	0	0	1028	146	13	95			
87	CEMENT CORPN. OF INDIA LTD.	113	14	2	23	92	11	7	19	181	33	24	52	0	0	0	0	386	58	33	94			
88	ENGINEERING PROJECTS (INDIA) LTD.	224	42	11	41	9	1	0	2	15	3	0	7	0	0	0	0	248	46	11	50			
89	HEAVY ENGINEERING CORPN. LTD.	518	0	0	0	28	0	0	0	584	0	0	0	44	0	0	0	1174	0	0	0			
90	HINDUSTAN SALTS LTD.	27	1	0	4	11	2	0	3	2	1	0	1	33	4	0	27	73	8	0	35			
91	HMT (INTERNATIONAL) LTD.	19	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	19	0	1	6			
92	HMT LTD.	32	7	1	6	0	0	0	0	31	5	2	4	0	0	0	0	63	12	3	10			
93	HMT MACHINE TOOLS LTD.	226	37	6	35	78	14	5	26	363	87	22	144	64	4	0	0	731	142	33	205			
94	INSTRUMENTATION LTD.	36	2	3	10	42	10	1	16	69	0	0	33	10	3	0	6	157	15	4	65			
95	NEPA LTD.	86	5	1	20	0	0	0	0	91	12	3	10	0	0	0	0	177	17	4	30			

(Cont.)

S. N.	Ministry /Deptt. / CPSE	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		
96	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	67	7	2	16	52	18	0	9	54	12	4	22	20	4	1	4	193	41	7	51			
97	RICHARDSON & CRUDDAS(1972) LTD.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0			
98	SAMBHAR SALTS LTD.	16	3	0	3	11	1	1	5	25	9	1	6	17	10	0	2	69	23	2	16			
	SUB TOTAL:	12364	2121	925	3101	5338	897	347	1335	17018	3523	1035	7008	13429	1250	3971	7813	48149	7791	6278	19257			
MINISTRY OF HOME AFFAIRS																								
99	DELHI POLICE HOUSING CORPORATION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	SUB TOTAL:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
MINISTRY OF HOUSING & URBAN AFFAIRS																								
100	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
101	HINDUSTAN PREFAB LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
102	HINDUSTAN STEELWORKS COSTN. LTD.	25	2	0	2	1	0	0	0	0	0	0	0	2	0	0	1	28	2	0	3			
103	HOUSING & URBAN DEV. CORPN. LTD.	556	84	32	69	12	1	1	4	31	7	5	4	74	22	11	7	673	114	49	84			
104	HSCC (INDIA) LTD.	123	18	3	24	28	2	0	7	5	1	0	1	3	2	0	0	159	23	3	32			
105	NBCC (INDIA) LTD.	469	87	27	98	557	88	38	177	163	25	0	9	168	28	0	12	1357	228	65	296			
106	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:	1173	191	62	193	598	91	39	188	199	33	5	14	247	52	11	20	2217	367	117	415			
MINISTRY OF HUMAN RESOURCE DEVELOPMENT																								
D/O HIGHER EDUCATION																								
107	EdCIL(India) Ltd.	69	15	3	16	12	2	0	1	16	9	0	2	0	0	0	0	97	26	3	19			
	SUB TOTAL:	69	15	3	16	12	2	0	1	16	9	0	2	0	0	0	0	97	26	3	19			
MINISTRY OF INFORMATION & BROADCASTING																								
108	BROADCAST ENGG. CONSULTANTS INDIA LTD.	54	12	1	9	13	5	0	0	0	0	0	0	0	0	0	0	67	17	1	9			
109	NATIONAL FILM DEV. CORPN. LTD.	13	3	0	2	13	4	0	3	4	0	0	2	22	6	0	7	52	13	0	14			
	SUB TOTAL:	67	15	1	11	26	9	0	3	4	0	0	2	22	6	0	7	119	30	1	23			

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		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 MICRO SMALL & MEDIUM ENTERPRISES																					
110	NATIONAL SMALL INDUSTRIES CORPN. LTD.	467	70	12	93	82	6	0	11	57	25	0	13	9	2	0	1	615	103	12	118
111	NSIC VENTURE CAPITAL FUND LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SUB TOTAL:	467	70	12	93	82	6	0	11	57	25	0	13	9	2	0	1	615	103	12	118
MINISTRY OF MINES																					
112	HINDUSTAN COPPER LTD.	512	79	22	114	12	1	0	2	655	110	107	129	172	67	22	19	1351	257	151	264
113	MINERAL EXPLORATION CORPN. LTD.	279	40	15	80	187	27	16	53	389	78	18	185	0	0	0	0	855	145	49	318
114	NATIONAL ALUMINIUM COMPANY LTD.	1588	239	145	242	335	58	60	29	2797	455	684	475	470	63	110	59	5190	815	999	805
	SUB TOTAL:	2379	358	182	436	534	86	76	84	3841	643	809	789	642	130	132	78	7396	1217	1199	1387
MINISTRY OF MINORITIES AFFAIRS																					
115	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	20	4	1	5	2	1	0	0	0	0	0	0	15	7	1	3	37	12	2	8
	SUB TOTAL:	20	4	1	5	2	1	0	0	0	0	0	0	15	7	1	3	37	12	2	8
MINISTRY OF NEW AND RENEWABLE ENERGY																					
116	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	144	19	7	23	2	0	0	0	1	0	0	0	13	3	1	3	160	22	8	26
117	SOLAR ENERGY CORPORATION OF INDIA	102	9	4	17	9	1	0	3	0	0	0	0	0	0	0	0	111	10	4	20
	SUB TOTAL:	246	28	11	40	11	1	0	3	1	0	0	0	13	3	1	3	271	32	12	46
MINISTRY OF PETROLEUM & NATURAL GAS																					
118	BALMER LAWRIE & CO. LTD.	483	57	8	88	185	36	7	51	37	2	0	13	166	18	3	40	871	113	18	192
119	BALMER LAWRIE INVESTMENTS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	BHARAT PETRO RESOURCES LTD.	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
121	BHARAT PETROLEUM CORPN. LTD.	5583	885	342	1328	0	0	0	0	2507	336	106	775	623	112	48	191	8713	1333	496	2294

(Cont.)

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122	BPCL-KIAL FUEL FARM PVT. LTD.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0
123	BRAHAMPUTRA CRACKERS & POLYMER LTD.	419	61	27	112	0	0	0	0	194	22	26	71	0	0	0	0	613	83	53	183
124	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	62	11	0	14	3	0	0	1	0	0	0	0	0	0	0	0	65	11	0	15
125	CHENNAI PETROLEUM CORPORATION LTD.	753	156	41	222	0	0	0	0	713	144	9	334	0	0	0	0	1466	300	50	556
126	ENGINEERS INDIA LTD.	1768	319	89	292	753	130	43	177	121	38	5	23	0	0	0	0	2642	487	137	492
127	GAIL (INDIA) LTD.	4000	625	287	915	90	13	2	24	690	129	34	246	43	12	5	12	4823	779	328	1197
128	GAIL GAS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	HINDUSTAN PETROLEUM CORPN. LTD.	5818	958	426	1391	0	0	0	0	2280	377	217	459	406	87	48	36	8504	1422	691	1886
130	HPCL BIOFUELS LTD.	28	5	3	20	165	21	5	64	592	68	15	330	0	0	0	0	785	94	23	414
131	INDIAN OIL CORPORATION LTD.	18485	3145	1380	4813	4372	705	453	556	8004	1433	614	2712	234	56	20	36	31095	5339	2467	8117
132	KONKAN LNG LIMITED	57	13	7	13	0	0	0	0	0	0	0	0	0	0	0	0	57	13	7	13
133	MANGALORE REFINERY & PETROCHEMICALS LTD.	1107	84	35	244	0	0	0	0	1443	153	60	542	0	0	0	0	2550	237	95	786
134	NUMALIGARH REFINERY LTD.	591	82	40	158	0	0	0	0	437	34	66	157	0	0	0	0	1028	116	106	315
135	OIL & NATURAL GAS CORPORATION LTD.	15730	2694	1618	3478	959	130	197	187	7942	951	989	3102	1362	222	143	395	25993	3997	2947	7162
136	OIL INDIA LTD.	1772	264	164	493	1189	72	147	313	2748	217	438	1217	1050	162	212	676	6759	715	961	2699
137	ONGC VIDESH LTD.	780	46	25	41	0	0	0	0	230	0	0	1	0	0	0	0	1010	46	25	42
138	PRIZE PETROLEUM COMPANY LTD.	11	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	2
139	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	4	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	6	0	0	2
SUB TOTAL:		57457	9405	4492	13624	7718	1107	854	1375	27939	3904	2579	9982	3884	669	479	1386	96998	15085	8404	26367

(Cont.)

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MINISTRY OF PORTS, SHIPPING & WATERWAYS																										
140	COCHIN SHIPYARD LTD.	410	55	22	109		158	13	5	58		1315	169	15	624		91	12	2	54		1974	249	44	845	
141	HOOGLY COCHIN SHIPYARD LTD.	14	0	0	0		1	0	0	0		5	0	0	0		0	0	0	0		20	0	0	0	
142	INDIA PORTS GLOBAL LTD	2	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		2	0	0	0	
143	INLAND & COASTAL SHIPPING LTD.	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
144	SAGARMALA DEVELOPMENT COMPANY LTD.	3	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		3	0	0	0	
145	SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
146	SHIPPING CORPORATION OF INDIA LTD.	465	98	45	81		44	14	5	2		0	0	0	0		0	0	0	0		509	112	50	83	
147	UDUPI COCHIN SHIPYARDS LTD.	9	1	0	4		0	0	0	0		2	0	0	2		0	0	0	0		11	1	0	6	
SUB TOTAL:		903	154	67	194		203	27	10	60		1322	169	15	626		91	12	2	54		2519	362	94	934	
MINISTRY OF POWER																										
148	BHARTIYA RAIL BIJLEE CO. LTD.	231	28	15	75		0	0	0	0		35	2	0	2		0	0	0	0		266	30	15	77	
149	BUNDELKHAND SAUR URJA LTD.	13	1	0	4		0	0	0	0		0	0	0	0		0	0	0	0		13	1	0	4	
150	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	20	0	0	4		0	0	0	0		0	0	0	0		0	0	0	0		20	0	0	4	
151	GRID CONTROLLER OF INDIA LTD.	577	92	41	147		37	4	1	14		29	3	1	2		0	0	0	0		643	99	43	163	
152	NHDC LTD.	225	32	12	59		34	4	0	7		69	9	10	22		109	30	17	31		437	75	39	119	
153	NHPC LTD.	3084	520	241	726		293	45	11	67		1029	96	65	70		370	71	28	11		4776	732	345	874	
154	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	667	79	181	137		204	12	68	41		589	38	312	105		55	0	50	3		1515	129	611	286	
155	NTPC GREEN ENERGY LIMITED	40	6	1	9		0	0	0	0		0	0	0	0		0	0	0	0		40	6	1	9	

(Cont.)

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156	NTPC LTD.	11109	1696	710	2788	8	0	0	0	5039	765	414	1357	337	102	43	125	16493	2563	1167	4270
157	NTPC VIDYUT VYAPAR NIGAM LTD.	33	2	3	6	0	0	0	0	0	0	0	0	0	0	0	0	33	2	3	6
158	PFC CONSULTING LTD.	0	0	0	0	0	0	0	0	33	0	0	0	0	0	0	0	33	0	0	0
159	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	POWER FINANCE CORPORATION LTD.	500	89	32	100	0	0	0	0	19	2	2	3	0	0	0	0	519	91	34	103
161	POWER GRID AJMER PHAGI TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	POWER GRID BHIND GUNA TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	POWER GRID BHUJ TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
164	POWER GRID CORPORATION OF INDIA LTD.	4524	697	333	1160	2074	313	209	780	1713	255	188	543	11	2	3	3	8322	1267	733	2486
165	POWER GRID FATEGARH TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	POWER GRID KHETRI TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	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

(Cont.)

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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
171	POWER GRID VARANASI TRANSMISSION LTD.																							
172	POWERGRID GOMTI YAMUNA TRANSMISSION LIMITED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
173	POWERGRID HIMACHAL TRANSMISSION LTD.	10	0	1	0	5	0	1	0	10	0	2	0	0	0	0	0	0	25	0	4	0	0	
174	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
175	POWERGRID NM TRANMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
176	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	
177	RATNAGIRI GAS & POWER PVT. LTD.	61	3	0	16	0	0	0	0	0	0	0	0	0	0	0	0	61	3	0	16			
178	REC LTD.	379	41	20	87	0	0	0	0	12	3	0	1	28	12	0	3	419	56	20	91			
179	REC POWER DEVELOPMENT & CONSULTANCY LTD.	48	5	0	10	0	0	0	0	0	0	0	0	0	0	0	0	48	5	0	10			
180	SJVN GREEN ENERGY LTD.	0	0	0	0	0	0	0	0	53	0	0	0	0	0	0	0	53	0	0	0			
181	SJVN LTD.	649	119	45	87	205	51	12	23	244	74	27	11	23	3	0	0	1121	247	84	121			
182	THDC INDIA LTD.	780	79	21	75	263	40	3	19	336	51	2	21	184	43	0	18	1563	213	26	133			
SUB TOTAL:		22950	3489	1656	5490	3123	469	305	951	9210	1298	1023	2137	1117	263	141	194	36400	5519	3125	8772			
MINISTRY OF RAILWAYS																								
183	BRAITHWAITE & CO. LTD.	61	1	1	6	29	1	0	3	99	17	0	0	0	0	0	0	189	19	1	9			
184	CONCOR AIR LTD.	1	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0	6	0	0	0			
185	CONTAINER CORPORATION OF INDIA LTD.	359	50	6	74	551	76	27	140	409	69	33	115	0	0	0	0	1319	195	66	329			
186	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1224	205	74	452	0	0	0	0	646	123	51	323	756	158	79	396	2626	486	204	1171			

(Cont.)

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
187	FRESH & HEALTHY ENTERPRISES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	4	1	0	0
188	HSRC INFRA SERVICES LTD.	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
189	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	281	41	10	50	588	117	39	128	531	109	24	159	0	0	0	0	1400	267	73	337
190	INDIAN RAILWAY FINANCE CORPORATION LTD.	25	2	0	3	16	6	1	3	0	0	0	0	0	0	0	0	41	8	1	6
191	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
192	IRCON BHOJ MORBE EXPRESSWAY LTD.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
193	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
194	IRCON GURGAON REWARI HIGHWAY SERVICES	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
195	IRCON HARIDWAR BYPASS LIMITED	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.	31	2	0	6	3	0	0	0	0	0	0	0	0	0	0	0	34	2	0	6
197	IRCON INTERNATIONAL LTD.	729	102	32	172	203	29	4	36	0	0	0	0	0	0	0	0	932	131	36	208
198	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
199	IRCON PB TOLLWAY LTD.	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0
200	IRCON SHIVPURI GUNA TOLLWAY LTD.	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
201	IRCON VADODARA KIM EXPRESSWAY LTD.	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
202	KONKAN RAILWAY CORPORATION LTD.	242	30	11	48	1265	161	59	336	3255	575	250	1572	663	80	36	227	5425	846	356	2183

(Cont.)

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				
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
203	MUMBAI RAILWAY VIKAS CORPORATION LTD.	46	4	3	8	4	0	0	0	0	0	0	0	5	0	0	1	55	4	3	9
204	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205	RAIL VIKAS NIGAM LTD.	413	40	9	70	0	0	0	0	3	0	0	0	32	0	0	0	448	40	9	70
206	RAILTEL CORPORATION INDIA LTD.	501	68	22	129	16	3	0	3	2	1	0	0	0	0	0	0	519	72	22	132
207	RAILTEL ENTERPRISES LTD.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
208	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
209	MITES LTD.	1350	199	72	301	140	16	6	27	169	29	12	33	126	31	4	10	1785	275	94	371
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:		5293	745	240	1319	2818	409	136	676	5117	923	370	2202	1586	270	119	634	14814	2347	865	4831
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS																					
211	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	0	0	0
SUB TOTAL:		61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	0	0	0
MINISTRY OF SCIENCE & TECHNOLOGY																					
DEPT. OF BIOTECHNOLOGY																					
212	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	36	11	1	2	48	9	3	9	14	14	0	0	5	1	0	0	103	35	4	11
213	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	49	2	0	9	10	1	0	3	0	0	0	0	0	0	0	0	59	3	0	12
SUB TOTAL:		85	13	1	11	58	10	3	12	14	14	0	0	5	1	0	0	162	38	4	23

(Cont.)

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
		Group A Managerial/ Executives Level			Group B Supervisory Level			Group C Workers (Skilled)			Group D Workers (Un-Skilled)			Total Employees			
MINISTRY OF SCIENCE & TECHNOLOGY																	
DEPT.OF SCIENTIFIC & INDUSTRIAL RESEARCH																	
214	CENTRAL ELECTRONICS LTD.	130	19	0	14	0	0	0	0	118	37	0	11	2	1	0	1
215	NATIONAL RESEARCH DEVELOPMENT CORPN.	34	7	0	5	2	1	0	0	12	3	0	2	6	3	0	0
SUB TOTAL:		164	26	0	19	2	1	0	0	130	40	0	13	8	4	0	1
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT																	
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY																	
216	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	104	17	2	23	0	0	0	0	166	35	4	59	7	2	0	0
217	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.	13	1	0	3	1	0	0	0	16	2	1	4	5	1	0	1
SUB TOTAL:		117	18	2	26	1	0	0	0	182	37	5	63	12	3	0	1
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT																	
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT																	
218	NATIONAL BACKWARD CLASSES FINANCE & DEVPT.CO.	25	3	0	4	14	2	1	9	15	4	0	0	0	0	0	0
219	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	13	3	0	1	7	0	0	0	0	0	0	0	0	0	0	0
220	NATIONAL SCHEDULED CASTES FINANCE & DEVPT. CORPN.	45	12	3	7	8	4	1	1	24	12	1	7	0	0	0	0
SUB TOTAL:		83	18	3	12	29	6	2	10	39	16	1	7	0	0	0	0
MINISTRY OF STEEL																	
221	EASTERN INVESTMENT LTD.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
222	FERRO SCRAP NIGAM LTD.	122	14	4	28	0	0	0	0	357	75	46	83	2	2	0	0
223	KIOCL LTD.	195	35	16	29	41	6	2	7	395	57	26	53	23	2	3	4
224	M S T C LTD.	227	34	13	61	73	12	3	20	0	0	0	0	0	0	0	0

(Cont.)

S. N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Group B Supervisory Level					Group C Workers (Skilled)					Group D Workers (Un-Skilled)					Total Employees				
225	MECON LTD.	958	216	55	131	108	15	51	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
226	MOIL LTD.	340	59	13	93	133	22	8	54	1151	281	173	429	3987	746	1231	1497	5611	1108	1425	2073								
227	NMDC CSR FOUNDATION	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		
228	NMDC Ltd.	1502	252	113	334	194	29	19	65	3435	543	912	697	582	13	441	106	5713	837	1485	1202								
229	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	61	0	0	0	0	0	0	0	146	146	0	0	26	26	0	0	233	172	0	0	0	0	0	0	0	0		
230	RASHTRIYA ISPAT NIGAM LTD.	4813	792	419	969	5179	797	354	258	4069	639	288	1749	668	82	56	49	14729	2310	1117	3025								
231	SAIL REFRACTORY COMPANY LTD.	13	3	0	9	0	0	0	0	60	13	1	44	0	0	0	0	73	16	1	53								
232	STEEL AUTHORITY OF INDIA LTD.	9990	1669	736	1840	0	0	0	0	45825	8329	8681	7754	3371	0	0	0	59186	9998	9417	9594								
233	THE BISRA STONE LIME COMPANY LTD.	15	1	0	4	0	0	0	0	413	101	204	45	0	0	0	0	428	102	204	49								
	SUB TOTAL:	18237	3075	1369	3498	5728	881	437	414	55851	10184	10331	10854	8659	871	1731	1656	88475	15011	13868	16422								
MINISTRY OF TEXTILES																													
234	APOLLO DESIGN APPAREL PARKS LTD.	16	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0		
235	AURANGABAD TEXTILES & APPAREL PARKS LTD.	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0		
236	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	101	16	0	6	8	2	0	1	1	0	0	0	78	24	0	5	188	42	0	12								
237	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	18	0	0	0	13	0	0	0	0	0	0	0	2	0	0	0	33	0	0	0	0	0	0	0	0	0		
238	INDIA UNITED TEXTILE MILLS LTD.	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0		
239	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	57	5	3	6	22	1	0	6	37	4	3	8	0	0	0	0	116	10	6	20								
240	NATIONAL TEXTILE CORPN. LTD.	219	37	3	54	242	25	4	58	2887	903	58	1507	834	78	6	123	4182	1043	71	1742								
241	THE COTTON CORPN. OF INDIA LTD.	128	20	4	11	579	131	26	144	0	0	0	0	0	0	0	0	707	151	30	155								

(Cont.)

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
		58	6	5	11	0	0	0	0	59	8	3	13	0	0	0	0	117	14	8	24
	THE JUTE CORPN. OF INDIA LTD.																				
	SUB TOTAL:	609	84	15	88	878	159	30	209	2984	915	64	1528	914	102	6	128	5385	1260	115	1953
MINISTRY OF TOURISM																					
243	INDIA TOURISM DEV. CORPN. LTD.	161	24	4	24	20	5	0	0	291	92	6	17	42	22	1	6	514	143	11	47
244	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
245	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1	0	0	0	6	0	0	0	6	2	0	4	0	0	0	0	13	2	0	4
	SUB TOTAL:	163	24	4	24	26	5	0	0	297	94	6	21	42	22	1	6	528	145	11	51
MINISTRY OF TRIBAL AFFAIRS																					
246	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	28	5	3	4	3	1	0	0	19	7	2	4	0	0	0	0	50	13	5	8
	SUB TOTAL:	28	5	3	4	3	1	0	0	19	7	2	4	0	0	0	0	50	13	5	8
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGAREJUVENATION																					
247	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	169	35	8	36	50	4	4	8	33	0	0	0	0	0	0	0	252	39	12	44
248	WAPCOS LTD.	712	93	15	110	169	35	6	31	1	0	0	1	103	32	2	18	985	160	23	160
	SUB TOTAL:	881	128	23	146	219	39	10	39	34	0	0	1	103	32	2	18	1237	199	35	204
DEPT. OF ATOMIC ENERGY																					
249	ELECTRONICS CORPN. OF INDIA LTD.	1184	226	123	315	0	0	0	0	298	63	53	97	45	13	2	12	1527	302	178	424
250	IREL (INDIA) LTD.	277	40	10	44	11	0	0	0	353	79	12	67	177	44	2	57	818	163	24	168
251	NUCLEAR POWER CORPN. OF INDIA LTD.	4165	418	154	806	1887	294	124	595	4600	808	459	1470	0	0	0	0	10652	1520	737	2871
252	URANIUM CORPORATION OF INDIA LTD.	305	0	0	0	243	0	0	0	1459	0	0	0	2362	0	0	0	4369	0	0	0
	SUB TOTAL:	5931	684	287	1165	2141	294	124	595	6710	950	524	1634	2584	57	4	69	17366	1985	939	3463

(Cont.)

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
DEPT. OF SPACE																					
253	ANTRIX CORPORATION LTD.	11	1	0	1	6	0	0	0	2	0	0	0	0	0	0	0	17	1	0	3
254	NEWSPACE INDIA LTD.	10	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	3
SUB TOTAL:		21	1	0	4	6	0	0	0	2	0	0	0	0	0	0	0	27	1	0	6
GRAND TOTAL :		231236	38851	16820	53290	99425	14548	7174	19978	339326	64334	38003	88854	171125	26709	20938	37777	841112	144442	82935	199899

STATEMENT - I

Procurement from Micro and small Enterprises (MSEs) by CPSEs during 2022-23

(₹ in Lakhs)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	11565	2578	0
2	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	79270	56050	2194
3	AGRINNOVATE INDIA LTD.	77	59	0
4	AI ENGINEERING SERVICES LTD.	1629	1629	0
5	AIRPORTS AUTHORITY OF INDIA	151050	78258	1151
6	ANDREW YULE & COMPANY LTD.	14903	6829	140
7	ANTRIX CORPORATION LTD.	117	78	60
8	ARMOURED VEHICLES NIGAM LIMITED	241233	58764	1488
9	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	29483	8243	13
10	BALMER LAWRIE & CO. LTD.	170941	16235	209
11	BEL OPTRONICS DEVICES LTD.	345	232	5
12	BEL-THALES SYSTEMS LTD.	4754	85	0
13	BEML LTD.	175055	55875	89
14	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	7285	5816	0
15	BHARAT BROADBAND NETWORK LTD.	11094	3794	0
16	BHARAT COKING COAL LTD.	97723	17473	574
17	BHARAT DYNAMICS LTD.	163661	48728	1902
18	BHARAT ELECTRONICS LTD.	726785	230012	4155
19	BHARAT HEAVY ELECTRICALS LTD.	1050000	341782	671
20	BHARAT PETRO RESOURCES LTD.	614	444	0
21	BHARAT PETROLEUM CORPN. LTD.	873665	320302	10937
22	BHARAT SANCHAR NIGAM LTD.	290189	48338	95
23	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	1114	962	123
24	BHARTIYA RAIL BIJLEE CO. LTD.	35725	7125	0
25	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	421	336	0
26	BRAHAMPUTRA CRACKERS & POLYMER LTD.	75967	22185	125
27	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	7348	3812	0
28	BRAITHWAITE & CO. LTD.	101098	19593	1
29	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	7795	7212	0
30	BRIDGE & ROOF CO.(INDIA) LTD.	94068	23677	3876
31	BUNDELKHAND SAUR URJA LTD.	42	42	0
32	CEMENT CORPN. OF INDIA LTD.	7363	6408	0
33	CENTRAL COALFIELDS LTD.	146180	80682	124

(Cont.)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
34	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	3374	1734	17
35	CENTRAL ELECTRONICS LTD.	17290	10551	168
36	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	11450	7285	122
37	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	17	13	0
38	CENTRAL WAREHOUSING CORPN.	76015	36221	3367
39	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	397	357	0
40	CHANDIGARH INTERNATIONAL AIRPORT LTD.	716	673	20
41	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	1348	1016	39
42	CHENNAI PETROLEUM CORPORATION LTD.	95550	37225	5783
43	COAL INDIA LTD.	7068	2491	1
44	COCHIN SHIPYARD LTD.	82779	44709	257
45	CONCOR AIR LTD.	14	13	0
46	CONTAINER CORPORATION OF INDIA LTD.	43322	30274	2004
47	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	13460	12230	42
48	DHOLERA INTERNATIONAL AIRPORT	69	30	0
49	E. C. G. C. LTD.	417	273	32
50	EASTERN COALFIELDS LTD.	23141	12879	42
51	EdCIL(India) Ltd.	509	440	0
52	ELECTRONICS CORPN. OF INDIA LTD.	76390	22110	3
53	ENGINEERING PROJECTS (INDIA) LTD.	1275	892	2
54	ENGINEERS INDIA LTD.	67458	32899	584
55	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2153	1239	0
56	FERRO SCRAP NIGAM LTD.	7419	4850	0
57	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1301332	23860	372
58	FOOD CORPN. OF INDIA	17603369	2275827	13073
59	FRESH & HEALTHY ENTERPRISES LTD.	722	111	0
60	GAIL (INDIA) LTD.	341500	157400	13700
61	GAIL GAS LTD.	35027	28140	884
62	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	90058	56411	737
63	GLIDERS INDIA LIMITED	36	33	3
64	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	861	373	0
65	GOA SHIPYARD LTD.	44692	23780	250
66	GRID CONTROLLER OF INDIA LTD.	2671	1263	7
67	HEAVY ENGINEERING CORPN. LTD.	10551	413	0
68	HINDUSTAN AERONAUTICS LTD.	404540	178240	2034
69	HINDUSTAN COPPER LTD.	10284	8376	88
70	HINDUSTAN ORGANIC CHEMICALS LTD.	61132	1844	4
71	HINDUSTAN PETROLEUM CORPN. LTD.	890994	347243	18683

(Cont.)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
72	HINDUSTAN SALTS LTD.	54	16	0
73	HINDUSTAN SHIPYARD LTD.	88491	69878	122
74	HINDUSTAN STEELWORKS COSTN. LTD.	41	23	2
75	HLL INFRA TECH SERVICES LTD.	740	189	8
76	HLL LIFECARE LTD.	1366	297	3
77	HMT (INTERNATIONAL) LTD.	1328	895	0
78	HMT LTD.	4190	886	70
79	HMT MACHINE TOOLS LTD.	5948	1132	55
80	HOOGLY COCHIN SHIPYARD LTD.	2365	1500	0
81	HOTEL CORPN. OF INDIA LTD.	1455	495	25
82	HOUSING & URBAN DEV. CORPN. LTD.	1578	1057	51
83	HPCL BIOFUELS LTD.	6446	3306	11
84	HPCL LNG LTD.	3980	313	17
85	HPCL RAJASTHAN REFINERY LTD.	676317	4905	183
86	HSCC (INDIA) LTD.	10294	5394	0
87	I T I LTD.	26556	6959	40
88	IIFCL ASSET MANAGEMENT COMPANY LTD.	193	100	0
89	INDIA INFRASTRUCTURE FINANCE CO. LTD.	1658	1393	0
90	INDIA OPTEL LIMITED	55842	34133	3261
91	INDIA TRADE PROMOTION ORGANISATION	259	85	21
92	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	10363	2073	0
93	INDIAN OIL CORPORATION LTD.	2883133	843534	24756
94	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	14484	5289	8
95	INDIAN RAILWAY FINANCE CORPORATION LTD.	1247	425	0
96	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	973	747	0
97	INLAND & COASTAL SHIPPING LTD.	104	13	0
98	INSTRUMENTATION LTD.	3506	2174	88
99	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	2	1	0
100	IRCON BHOJ MORBE EXPRESSWAY LTD.	1	1	0
101	IRCON HARIDWAR BYPASS LIMITED	1	1	0
102	IRCON INFRASTRUCTURE & SERVICES LTD.	4	4	0
103	IRCON INTERNATIONAL LTD.	10239	4452	135
104	IRCON PB TOLLWAY LTD.	23	23	0
105	IREL (INDIA) LTD.	66923	43131	98
106	JALPOWER CORPORATION LTD.	189	47	0
107	KARMYOGI BHARAT	5490617	4675691	0
108	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	26867	5011	77
109	KIOCL LTD.	41763	16349	439

(Cont.)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
110	KOLKATA METRO RAIL CORPORATION LTD.	301	241	0
111	KONKAN LNG LIMITED	12713	6943	254
112	KONKAN RAILWAY CORPORATION LTD.	12039	7858	135
113	LANCOTEESTA HYDRO POWER LTD	330	296	1
114	M S T C LTD.	1039	432	10
115	MADRAS FERTILIZERS LTD.	9568	3082	2
116	MAHANADI COALFIELDS LTD.	106435	31669	466
117	MAHANAGAR TELEPHONE NIGAM LTD.	6360	5029	0
118	MANGALORE REFINERY & PETROCHEMICALS LTD.	260289	73123	2362
119	MAZAGON DOCK SHIPBUILDERS LTD.	105355	36031	101
120	MECON LTD.	69770	52695	16
121	MINERAL EXPLORATION CORPN. LTD.	1552	792	73
122	MISHRA DHATU NIGAM LTD.	42193	18999	86
123	MOIL LTD.	29425	20365	377
124	MUMBAI RAILWAY VIKAS CORPORATION LTD.	606	533	0
125	MUNITIONS INDIA LTD.	169392	101664	2022
126	NAINI AEROSPACE LTD.	89	67	0
127	NATIONAL ALUMINIUM COMPANY LTD.	321299	96000	1150
128	NATIONAL BACKWARD CLASSES FINANCE & DEVP. CO.	114	98	5
129	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.	104	54	47
130	NATIONAL FERTILIZERS LTD.	80716	48820	198
131	NATIONAL FILM DEV. CORPN. LTD.	17598	4968	3
132	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	116730	52433	0
133	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	3887	971	0
134	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	170	65	5
135	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	28	17	1
136	NATIONAL RESEARCH DEVELOPMENT CORPN.	34	32	1
137	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	7	1	0
138	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	95	65	12
139	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	128	105	18
140	NATIONAL SEEDS CORPN. LTD.	7142	4554	3
141	NATIONAL SMALL INDUSTRIES CORPN. LTD.	4351	2733	330
142	NATIONAL TEXTILE CORPN. LTD.	582	517	2
143	NBCC (INDIA) LTD.	226	207	6
144	NBCC SERVICES LTD.	29	21	2

(Cont.)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
145	NEWSPACE INDIA LTD.	101	42	0
146	NEYVELI UTTAR PRADESH POWER LTD	10703	2169	227
147	NHDC LTD.	6921	5421	0
148	NHPC LTD.	53788	26981	2440
149	NLC INDIA LTD.	109140	36720	460
150	NLC TAMIL NADU POWER LTD.	7230	2872	19
151	NMDC Ltd.	98888	24856	1684
152	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	6178	2198	87
153	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	9300	8477	1
154	NORTHERN COALFIELDS LTD.	229462	90242	706
155	NSIC VENTURE CAPITAL FUND LTD.	3	2	0
156	NTPC LTD.	1028728	412157	1745
157	NTPC VIDYUT VYAPAR NIGAM LTD.	161	144	0
158	NUCLEAR POWER CORPN. OF INDIA LTD.	447575	264024	1893
159	NUMALIGARH REFINERY LTD.	89492	41647	1004
160	OIL & NATURAL GAS CORPORATION LTD.	927825	438447	6815
161	OIL INDIA LTD.	572512	135743	1926
162	ONGC VIDESH LTD.	7890	615	1
163	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	91	2	0
164	PATRATU VIDYUT UTPADAN NIGAM LTD.	498	471	0
165	POWER FINANCE CORPORATION LTD.	4681	3094	390
166	POWER GRID CORPORATION OF INDIA LTD.	233143	124354	4876
167	PRIZE PETROLEUM COMPANY LTD.	29	29	0
168	PROJECTS & DEVELOPMENT INDIA LTD.	1895	991	0
169	RAIL VIKAS NIGAM LTD.	606	533	0
170	RAILTEL CORPORATION INDIA LTD.	51347	27788	118
171	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	126	70	0
172	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	6307	3868	0
173	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	1828967	60849	413
174	RASHTRIYA ISPAT NIGAM LTD.	269877	100591	162
175	RATLE HYDROELECTRIC POWER CORPORATION LTD.	435	262	6
176	REC LTD.	5612	3087	33
177	REC POWER DEVELOPMENT & CONSULTANCY LTD.	235389	34327	10
178	rites LTD.	6317	2543	4
179	SAMBHAR SALTS LTD.	1839	1401	8
180	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	138918	18655	6370
181	SHIPPING CORPORATION OF INDIA LTD.	42042	21562	0
182	SIDCUL CONCOR INFRA COMPANY LTD.	803	35	0

(Cont.)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
183	SJVN GREEN ENERGY LTD.	99145	1	0
184	SJVN LTD.	13724	6519	320
185	SJVN THERMAL PVT. LTD.	998	718	7
186	SOLAR ENERGY CORPORATION OF INDIA	227	223	0
187	SOUTH EASTERN COALFIELDS LTD.	246360	207282	884
188	STATE TRADING CORPN. OF INDIA LTD.	226	204	0
189	STEEL AUTHORITY OF INDIA LTD.	1897954	311030	1096
190	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	157700	40000	0
191	THDC INDIA LTD.	9559	4612	11
192	THE COTTON CORPN. OF INDIA LTD.	201	166	4
193	THE JUTE CORPN. OF INDIA LTD.	683	576	5
194	TROOP COMFORTS LIMITED	30729	20884	2
195	TUSCO LTD.	44	42	0
196	UDUPI COCHIN SHIPYARDS LTD.	2699	2345	0
197	URANIUM CORPORATION OF INDIA LTD.	85966	40623	394
198	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	179	109	0
199	WAPCOS LTD.	4463	3700	31
200	WESTERN COALFIELDS LTD.	118781	17522	41
GRAND TOTAL :		45832652	13694583	161601

Statement J
Contribution to Central Exchequer as on 2022-23

PAYMENT TO CENTRAL EXCHEQUER

(₹ in Lakhs)

Sr. No.	CPSEs	2022-23	2021-22	2020-21
1	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	0
2	BHARAT PETRO RESOURCES JPDA	0	0	1
3	BIHAR DRUGS AND ORGANIC CHEMICALS LTD	0	0	0
4	BRITISH INDIA CORPORATION LTD.	0	0	0
5	CHANDIL TRANSMISSION LTD.	0	0	0
6	CIL SOLAR PV LIMITED	0	0	0
7	DUMKA TRANSMISSION LTD.	0	0	0
8	HINDUSTAN FERTILIZER CORPN. LTD.	246	139	204
9	IDPL (TAMILNADU) LTD.	0	0	0
10	INDIAN VACCINE CORP. LTD.	0	0	0
11	ITPO SERVICES LTD.	0	0	0
12	J & K MINERAL DEVELOPMENT CORPN. LTD.	5	3	30
13	JHARKHAND INFRAPOWER LTD.	0	0	0
14	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	0
15	KODERMA TRANSMISSION LTD.	0	0	0
16	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD	0	0	0
17	MANDAR TRANSMISSION LTD.	0	0	0
18	MANIPUR STATE DRUGS & PHAREMACEUTICALS LTD	0	0	0
19	MJSJ COAL LTD.	0	0	0
20	MNH SHAKTI LTD.	6	29	43
21	NEW CITY OF BOMBAY MFG. MILLS LTD.	0	0	0
22	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	2	2	2
23	NTPC ELECTRIC SUPPLY COMPANY LTD.	22	178	0
24	P E C LTD.	0	0	1327
25	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	0
26	STATE TRADING CORPN. OF INDIA LTD.	980	1476	1378
27	THE FERTILIZER CORPN. OF INDIA LTD.	0	253	248
28	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0
29	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	0	0	2754
30	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	16245	21152	0
31	AGRINNOVATE INDIA LTD.	336	150	160
32	AI AIRPORT SERVICES LTD.	0	0	0
33	AI ENGINEERING SERVICES LTD.	10702	12750	1257
34	AIR INDIA ASSETS HOLDING LTD	0	1	2912
35	AIRPORTS AUTHORITY OF INDIA	266576	135980	85186
36	ALLIANCE AIR AVIATION LTD.	1782	1264	807
37	ANDREW YULE & COMPANY LTD.	1026	992	930
38	ANTRIX CORPORATION LTD.	71674	15412	72169

(Cont.)

Sr. No.	CPSEs	2022-23	2021-22	2020-21
39	APOLLO DESIGN APPAREL PARKS LTD.	52	95	38
40	ARMOURED VEHICLES NIGAM LIMITED	11993	6642	0
41	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	726	439	290
42	AURANGABAD TEXTILES & APPAREL PARKS LTD.	0	0	0
43	BALMER LAWRIE & CO. LTD.	11679	10089	11170
44	BALMER LAWRIE INVESTMENTS LTD.	3996	5153	5117
45	BEL OPTRONICS DEVICES LTD.	683	175	137
46	BEL-THALES SYSTEMS LTD.	730	3	202
47	BEML LTD.	68008	53999	27242
48	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	412	514	1416
49	BHARAT BROADBAND NETWORK LTD.	13862	10275	10190
50	BHARAT COKING COAL LTD.	157348	166645	107518
51	BHARAT DYNAMICS LTD.	61999	47451	24311
52	BHARAT ELECTRONICS LTD.	295724	254890	263519
53	BHARAT HEAVY ELECTRICALS LTD.	322795	247936	240775
54	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	223	392	367
55	BHARAT PETRO RESOURCES LTD.	2754	28	71
56	BHARAT PETROLEUM CORPN. LTD.	6871842	8661263	7878392
57	BHARAT SANCHAR NIGAM LTD.	394193	105563	0
58	BHARTIYA RAIL BIJLEE CO. LTD.	20098	14386	1032
59	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	0	0	0
60	BPCL-KIAL FUEL FARM PVT. LTD.	20	0	0
61	BRAHMAPUTRA CRACKERS & POLYMER LTD.	33596	60764	45744
62	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	7139	0	0
63	BRAITHWAITE & CO. LTD.	10777	6769	5303
64	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	717	514	1701
65	BRIDGE & ROOF CO.(INDIA) LTD.	14000	9038	8684
66	BROADCAST ENGG. CONSULTANTS INDIA LTD.	7780	5518	3351
67	BUNDELKHAND SAUR URJA LTD.	0	0	0
68	CEMENT CORPN. OF INDIA LTD.	8056	7020	7958
69	CENTRAL COALFIELDS LTD.	413393	357565	338561
70	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	154	32	6
71	CENTRAL ELECTRONICS LTD.	1478	2204	1283
72	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	14864	13947	15185
73	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	2010	3366	2704
74	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	142	124	0
75	CENTRAL WAREHOUSING CORPN.	8785	9963	27895
76	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	635	612	621
77	CHANDIGARH INTERNATIONAL AIRPORT LTD.	1036	601	276
78	CHENNAI PETROLEUM CORPORATION LTD.	1645306	1812411	1971978

(Cont.)

Sr. No.	CPSEs	2022-23	2021-22	2020-21
79	CHHATTISGARH EAST RAILWAYS LTD.	0	0	0
80	COAL INDIA LTD.	976241	769621	513254
81	COCHIN SHIPYARD LTD.	92663	45601	42446
82	CONCOR AIR LTD.	575	438	293
83	CONTAINER CORPORATION OF INDIA LTD.	129447	105018	83662
84	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	61606	58101	57424
85	DELHI POLICE HOUSING CORPORATION LTD.	7	0	0
86	E. C. G. C. LTD.	85695	58158	14801
87	EASTERN COALFIELDS LTD.	165200	165919	186899
88	EASTERN INVESTMENT LTD.	8	0	2
89	EdCIL(India) Ltd.	4122	3920	2940
90	ELECTRONICS CORPN. OF INDIA LTD.	44970	16632	12219
91	ENGINEERING PROJECTS (INDIA) LTD.	898	1444	394
92	ENGINEERS INDIA LTD.	34808	31595	51881
93	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2059	1959	2098
94	FERRO SCRAP NIGAM LTD.	4368	3704	3460
95	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	20042	1179	14313
96	FOOD CORPN. OF INDIA	0	0	2188780
97	FRESH & HEALTHY ENTERPRISES LTD.	31	48	36
98	GAIL (INDIA) LTD.	665007	866503	522016
99	GAIL GAS LTD.	23167	16263	21605
100	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	13092	9645	7228
101	GLIDERS INDIA LIMITED	0	0	0
102	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	16	13	27
103	GOA SHIPYARD LTD.	8068	6659	7695
104	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	37	72	29
105	GRID CONTROLLER OF INDIA LTD.	4541	3177	2541
106	HEAVY ENGINEERING CORPN. LTD.	0	325	292
107	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0
108	HIL (INDIA) LTD.	0	1873	1419
109	HINDUSTAN AERONAUTICS LTD.	477120	380877	332337
110	HINDUSTAN ANTIBIOTICS LTD.	757	245	853
111	HINDUSTAN COPPER LTD.	22787	30810	5030
112	HINDUSTAN ORGANIC CHEMICALS LTD.	1716	1421	3261
113	HINDUSTAN PETROLEUM CORPN. LTD.	3269289	3205838	5118309
114	HINDUSTAN PREFAB LTD.	0	281	521
115	HINDUSTAN SALTS LTD.	3180	386	115
116	HINDUSTAN SHIPYARD LTD.	5054	4617	4998
117	HINDUSTAN STEELWORKS COSTN. LTD.	3256	2098	2151
118	HLL INFRA TECH SERVICES LTD.	5023	5100	5297
119	HLL LIFECARE LTD.	23412	27796	16334
120	HMT (INTERNATIONAL) LTD.	35	0	0
121	HMT LTD.	328	408	392

(Cont.)

Sr. No.	CPSEs	2022-23	2021-22	2020-21
122	HMT MACHINE TOOLS LTD.	785	1293	1007
123	HOOGLY COCHIN SHIPYARD LTD.	430	249	471
124	HOTEL CORPN. OF INDIA LTD.	430	163	109
125	HOUSING & URBAN DEV. CORPN. LTD.	100097	79712	98317
126	HPCL BIOFUELS LTD.	390	249	261
127	HSCC (INDIA) LTD.	1005	805	1676
128	HSRC INFRA SERVICES LTD.	0	0	0
129	I T I LTD.	12602	13133	2723
130	IIFCL ASSET MANAGEMENT COMPANY LTD.	137	111	113
131	IIFCL PROJECTS LTD.	0	0	0
132	INDIA INFRASTRUCTURE FINANCE CO. LTD.	11927	12946	22569
133	INDIA OPTEL LIMITED	24638	0	0
134	INDIA PORTS GLOBAL LTD	0	4	3
135	INDIA TOURISM DEV. CORPN. LTD.	4564	2752	2504
136	INDIA TRADE PROMOTION ORGANISATION	4154	0	0
137	INDIA UNITED TEXTILE MILLS LTD.	0	0	356
138	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	0	541	353
139	INDIAN OIL CORPORATION LTD.	11627128	15718086	15382718
140	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	103022	63805	19070
141	INDIAN RAILWAY FINANCE CORPORATION LTD.	195108	386852	175596
142	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	38882	48739	30177
143	INLAND & COASTAL SHIPPING LTD.	0	0	0
144	INSTRUMENTATION LTD.	474	1016	1606
145	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	113	0	0
146	IRCON BHOJ MORBE EXPRESSWAY LTD.	0	0	0
147	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	71	119	429
148	IRCON GURGAON REWARI HIGHWAY SERVICES	483	16	0
149	IRCON HARIDWAR BYPASS LIMITED	175	0	0
150	IRCON INFRASTRUCTURE & SERVICES LTD.	893	1010	959
151	IRCON INTERNATIONAL LTD.	48358	55925	30049
152	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	52	0	0
153	IRCON PB TOLLWAY LTD.	48	126	95
154	IRCON SHIVPURI GUNA TOLLWAY LTD.	438	723	534
155	IRCON VADODARA KIM EXPRESSWAY LTD.	701	512	1050
156	IREL (INDIA) LTD.	61737	42195	24342
157	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	172	112	236
158	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	10232	8235	6898
159	KARNATAKA TRADE PROMOTION ORGANISATION	0	1	1
160	KIOCL LTD.	6345	16797	14798
161	KONKAN LNG LIMITED	707	4001	3053
162	KONKAN RAILWAY CORPORATION LTD.	2302	2164	2135
163	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	240	144	249

(Cont.)

Sr. No.	CPSEs	2022-23	2021-22	2020-21
164	M M T C LTD.	15462	46074	144110
165	M S T C LTD.	22724	47159	7372
166	MADRAS FERTILIZERS LTD.	107	112	1339
167	MAHANADI COALFIELDS LTD.	1342524	1006377	826602
168	MAHANAGAR TELEPHONE NIGAM LTD.	13847	13251	11921
169	MANGALORE REFINERY & PETROCHEMICALS LTD.	1820339	1805724	1976666
170	MAZAGON DOCK SHIPBUILDERS LTD.	65492	100080	64755
171	MECON LTD.	8008	5713	4343
172	MILLENNIUM TELECOM LTD.	0	1	1
173	MINERAL EXPLORATION CORPN. LTD.	4375	3683	12057
174	MISHRA DHATU NIGAM LTD.	25867	22094	10024
175	MOIL LTD.	38404	52826	16296
176	MUMBAI RAILWAY VIKAS CORPORATION LTD.	631	329	190
177	MUNITIONS INDIA LTD.	0	0	0
178	NAINI AEROSPACE LTD.	154	92	97
179	NATIONAL ALUMINIUM COMPANY LTD.	218013	246351	95606
180	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	6	12	0
181	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.	0	0	0
182	NATIONAL FERTILIZERS LTD.	84029	72098	48323
183	NATIONAL FILM DEV. CORPN. LTD.	1239	798	667
184	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1206	849	473
185	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	15187	10709	7607
186	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	892	2618	291
187	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	0	0	0
188	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	0	0
189	NATIONAL RESEARCH DEVELOPMENT CORPN.	98	162	133
190	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	0	0	0
191	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	583	61	48
192	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	1	1
193	NATIONAL SEEDS CORPN. LTD.	849	800	2100
194	NATIONAL SMALL INDUSTRIES CORPN. LTD.	3848	3738	2640
195	NATIONAL TEXTILE CORPN. LTD.	0	0	0
196	NBCC (INDIA) LTD.	6258	6324	3001
197	NBCC SERVICES LTD.	266	134	161
198	NEPA LTD.	14	3195	2543
199	NEWSPACE INDIA LTD.	260660	28566	28103
200	NHDC LTD.	55586	39879	47666
201	NHPC LTD.	263833	242990	219365
202	NLC INDIA LTD.	124569	140723	33791
203	NLC TAMIL NADU POWER LTD.	16719	7191	11358
204	NMDC CSR FOUNDATION	1	4	12

(Cont.)

Sr. No.	CPSEs	2022-23	2021-22	2020-21
205	NMDC Ltd.	476339	885826	489207
206	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	0	0	0
207	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	17837	9418	1869
208	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	506	0	0
209	NORTHERN COALFIELDS LTD.	882791	775648	658362
210	NSIC VENTURE CAPITAL FUND LTD.	38	36	1
211	NTPC GREEN ENERGY LIMITED	0	0	0
212	NTPC LTD.	879662	654978	752795
213	NTPC VIDYUT VYAPAR NIGAM LTD.	5086	3808	2718
214	NUCLEAR POWER CORPN. OF INDIA LTD.	563474	506099	379656
215	NUMALIGARH REFINERY LTD.	459263	552534	604495
216	OIL & NATURAL GAS CORPORATION LTD.	3206104	1683164	644781
217	OIL INDIA LTD.	785404	394026	199483
218	ONGC VIDESH LTD.	3009	1870	15037
219	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	0	182
220	PAWAN HANS LTD.	0	0	0
221	PFC CONSULTING LTD.	1066	1707	1434
222	PONDICHERRY ASHOK HOTEL CORPN. LTD.	0	12	11
223	POWER GRID MITHILANCHAL TRANSMISSION LTD.	28	1	0
224	POWER FINANCE CORPORATION LTD.	400655	237300	274705
225	POWER GRID AJMER PHAGI TRANSMISSION LTD.	4	28	482
226	POWER GRID BHIND GUNA TRANSMISSION LTD.	342	444	224
227	POWER GRID BHUJ TRANSMISSION LTD	618	85	311
228	POWER GRID CORPORATION OF INDIA LTD.	806667	885969	671369
229	POWER GRID FATEGARH TRANSMISSION LTD	19	97	864
230	POWER GRID KHETRI TRANSMISSION LTD.	8	247	499
231	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	19	39	355
232	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD	9	526	131
233	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	5	2	0
234	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	10	10	69
235	POWER GRID VARANASI TRANSMISSION LTD.	0	0	63
236	POWERGRID GOMTI YAMUNA TRANSMISSION LIMITED	0	0	0
237	POWERGRID HIMACHAL TRANSMISSION LTD.	1253	1894	1165
238	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	4	2	10
239	POWERGRID NM TRANSMISSION LTD.	1	1	7
240	POWERGRID UNCHAHAR TRANSMISSION LTD.	341	504	201
241	PRIZE PETROLEUM COMPANY LTD.	1	1	2
242	PROJECTS & DEVELOPMENT INDIA LTD.	1653	1151	1592
243	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0
244	RAIL VIKAS NIGAM LTD.	77908	80221	95266
245	RAILTEL CORPORATION INDIA LTD.	18037	33688	29950

(Cont.)

Sr. No.	CPSEs	2022-23	2021-22	2020-21
246	RAILTEL ENTERPRISES LTD.	214	280	649
247	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	4907	2538	1800
248	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	404	662	583
249	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	104869	87691	57462
250	RASHTRIYA ISPAT NIGAM LTD.	303270	300569	188805
251	RATNAGIRI GAS & POWER PVT. LTD.	2354	695	0
252	REC LTD.	280576	322929	272131
253	REC POWER DEVELOPMENT & CONSULTANCY LTD.	7542	1600	674
254	RICHARDSON & CRUDDAS(1972) LTD.	0	0	0
255	rites LTD.	54394	59981	56412
256	SAGARMALA DEVELOPMENT COMPANY LTD.	489	242	34
257	SAIL REFRACTORY COMPANY LTD.	3962	4533	3201
258	SAMBHAR SALTS LTD.	138	39	14
259	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	1962	71431	59249
260	SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED	473	0	0
261	SHIPPING CORPORATION OF INDIA LTD.	32380	20637	11352
262	SIDCUL CONCOR INFRA COMPANY LTD.	136	47	48
263	SJVN GREEN ENERGY LTD.	0	0	0
264	SJVN LTD.	73420	72681	83817
265	SOLAR ENERGY CORPORATION OF INDIA	12060	16880	8144
266	SOUTH EASTERN COALFIELDS LTD.	796892	852555	1022278
267	STEEL AUTHORITY OF INDIA LTD.	1582854	1650962	951381
268	TAMIL NADU TRADE PROMOTION ORGANISATION	223	108	73
269	TCIL BINA TOLL ROAD LTD.	0	0	0
270	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	0
271	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1928	7265	5956
272	THDC INDIA LTD.	14414	19540	25165
273	THE BISRA STONE LIME COMPANY LTD.	220	301	196
274	THE COTTON CORPN. OF INDIA LTD.	2045	14650	97925
275	THE JUTE CORPN. OF INDIA LTD.	209	1056	1125
276	TROOP COMFORTS LIMITED	8616	4304	0
277	UDUPI COCHIN SHIPYARDS LTD.	263	2	18
278	URANIUM CORPORATION OF INDIA LTD.	19724	35207	34008
279	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	4	0	0
280	WAPCOS LTD.	3430	4340	2276
281	WESTERN COALFIELDS LTD.	275092	280169	212668
282	YANTRA INDIA LIMITED	0	0	0
283	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	0	0	0
284	BHARAT PUMPS & COMPRESSORS LTD.	0	0	0
285	BIHAR INFRAPOWER LTD.	0	0	0
286	BIHAR MEGA POWER LTD.	0	0	0
287	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	0

(Cont.)

Sr. No.	CPSEs	2022-23	2021-22	2020-21
288	BIRDS JUTE & EXPORTS LTD.	0	0	0
289	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0
290	CHEYYUR INFRA LTD.	0	0	0
291	COASTAL TAMIL NADU POWER LTD.	0	0	0
292	DEOGHAR INFRA LTD.	0	0	0
293	DEOGHAR MEGA POWER LTD.	0	0	0
294	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	0
295	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	0
296	HINDUSTAN CABLES LTD.	0	0	0
297	HINDUSTAN FLUOROCARBONS LIMITED	0	0	0
298	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	0
299	HMT WATCHES LTD.	0	0	0
300	HOOGHLY DOCK AND PORT ENGINEERS LTD.	0	0	0
301	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0
302	JAGDISHPUR PAPER MILLS LTD.	0	0	0
303	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0
304	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	0
305	NBCC INTERNATIONAL LTD.	0	0	0
306	ODISHA INFRAPOWER LTD.	0	0	0
307	ORISSA INTEGRATED POWER LTD.	0	0	0
308	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0
309	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	0
310	SCOOTERS INDIA LTD.	0	0	0
311	STCL LTD.	0	0	0
312	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0
313	ANANTHPURAM KURNOOL TRANSMISSION LTD.	0	0	0
314	BASTAR RAILWAY PRIVATE LIMITED	0	0	0
315	BEAWAR DAUSA TRANSMISSION LIMITED	0	0	0
316	BEAWAR TRANSMISSION LIMITED	0	0	0
317	BHADLA III TRANSMISSION LIMITED	0	0	0
318	BHADLA SIKAR TRANSMISSION LTD.	0	0	0
319	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	3275	3274	2487
320	BIDAR TRANSMISSION LTD.	0	0	1
321	BSNL TOWER CORPORATION	0	0	0
322	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	4708	3450	0
323	CHHATARPUR TRANSMISSION LIMITED	0	0	0
324	CHHATTISGARH COPPER LTD	1	1	0
325	CHHATTISGARH EAST-WEST RAILWAYS LTD.	0	0	0
326	CHHATTISGARH MEGA STEEL CO. LTD.	0	0	0
327	CIL NAVIKARNIYA URJA LIMITED	0	0	0
328	DEOGHAR AIRPORT LTD	0	0	0
329	DHALBHUMGARH AIRPORT LTD	0	0	0
330	DHARAMJAIGARH TRANSMISSION LIMITED	0	0	0

(Cont.)

Sr. No.	CPSEs	2022-23	2021-22	2020-21
331	DHOLERA INTERNATIONAL AIRPORT	118	113	162
332	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	0	0	0
333	ERWR POWER TRANSMISSION LIMITED	0	0	0
334	FATEHGARH III BEAWAR TRANSMISSION LIMITED	0	0	0
335	FATEHGARH III TRANSMISSION LIMITED	0	0	0
336	FATEHGARH IV TRANSMISSION LIMITED	0	0	0
337	GREEN VALLEY RENEWABLE ENERGY LIMITED	0	0	0
338	HLL BIOTECH LTD.	0	13218	0
339	HLL MEDIPARK LTD	0	0	0
340	HPCL LNG LTD.	0	0	0
341	HPCL RAJASTHAN REFINERY LTD.	9166	1831	1481
342	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	0	169	84
343	INDO RUSSIAN HELICOPTERS LTD.	0	0	0
344	IRCON RENEWABLE POWER LTD.	146	0	0
345	IREL IDCOL LTD.	0	0	0
346	JALPOWER CORPORATION LTD.	264	167	0
347	JHARKHAND CENTRAL RAILWAY LTD.	271	101	0
348	KARMYOGI BHARAT	0	0	0
349	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	0
350	KHAVDA II-B TRANSMISSION LIMITED	0	0	0
351	KHAVDA II-C TRANSMISSION LIMITED	0	0	0
352	KHAVDA II-D TRANSMISSION LIMITED	0	0	0
353	KHAVDA RE TRANSMISSION LIMITED	0	0	0
354	KOLKATA METRO RAIL CORPORATION LTD.	11427	5766	18383
355	KPS 1 TRANSMISSION LIMITED	0	0	0
356	KPS2 TRANSMISSION LIMITED	0	0	0
357	KPS3 TRANSMISSION LIMITED	0	0	0
358	LANCOTEESTA HYDRO POWER LTD	2696	525	189
359	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	0	0	0
360	LUDHIANA INTERNATIONAL AIRPORT LTD.	0	0	0
361	LUHRI POWER TRANSMISSION LIMITED	0	0	0
362	MAHANADI BASIN POWER LTD.	0	0	0
363	MAHANADI COAL RAILWAY LTD.	0	0	0
364	MAMC INDUSTRIES LTD.	0	0	0
365	MEERUT SHAMLI POWER TRANSMISSION LIMITED	0	0	0
366	NATIONAL LAND MONETIZATION CORPORATION LIMITED	0	0	0
367	NERES XVI POWER TRANSMISSION LIMITED	0	0	0
368	NEYVELI UTTAR PRADESH POWER LTD	1044	1012	1448
369	NMDC STEEL LTD.	0	0	0
370	NMDC-CMDC LTD.	0	0	3

(Cont.)

Sr. No.	CPSEs	2022-23	2021-22	2020-21
371	NTPC EDMC WASTE SOLUTIONS	0	0	0
372	NTPC MINING LTD	0	0	0
373	NTPC RENEWABLE ENERGY LTD.	0	1103	0
374	PATRATU VIDYUT UTPADAN NIGAM LTD.	11169	5316	4856
375	PFC PROJECTS LTD.	0	0	0
376	POWER ENERGY SERVICES LTD.	43	0	0
377	POWER GRID RAMGARH TRANSMISSION LTD.	0	88	0
378	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	0
379	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.	8	351	0
380	POWERGRID BHADLA TRANSMISSION LTD.	0	243	0
381	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED	0	279	2
382	POWERGRID ER NER TRANSMISSION LIMITED	0	0	0
383	POWERGRID NARELA TRANSMISSION LTD.	0	0	0
384	POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED	350	0	0
385	POWERGRID SIKAR TRANSMISSION LTD.	0	460	0
386	POWERGRID TELESERVICES LTD.	1	0	0
387	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	0
388	RAIPUR POOL DHAMTARI TRANSMISSION LIMITED	0	0	0
389	RAMGARH II TRANSMISSION LIMITED	0	0	0
390	RATLE HYDROELECTRIC POWER CORPORATION LTD.	322	166	0
391	SIKAR KHETRI TRANSMISSION LIMITED	0	0	0
392	SIOT TRANSMISSION LIMITED	0	0	0
393	SJVN THERMAL PVT. LTD.	35	0	0
394	TUSCO LTD.	2	1	0
395	YULE ELECTRICAL LTD.	0	0	0
396	YULE ENGINEERING COMPANY LTD.	0	0	0
397	HINDUSTAN PAPER CORPORATION LTD.	0	0	0
398	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0
399	NAGALAND PULP & PAPER COMPANY LTD.	0	0	0
400	OIL INDIA INTERNATIONAL LTD.	0	0	0
401	ORISSA DRUGS & CHEMICALS LTD.	0	0	0
402	VIGNYAN INDUSTRIES LTD.	0	0	132
	TOTAL	45820534	48850029	47757884

APPENDIX - I

CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT MINISTRIES/DEPARTMENTS AS ON 31.3.2023

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	HIL (INDIA) LTD.	1954
5	HINDUSTAN FLUOROCARBONS LIMITED NR	1983
6	HINDUSTAN ORGANIC CHEMICALS LTD.	1960
MINISTRY OF CHEMICALS & FERTILIZERS		
D/O FERTILIZER		
7	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	2002
8	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2003
9	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1943
10	HINDUSTAN FERTILIZER CORPN. LTD. *	1978
11	MADRAS FERTILIZERS LTD.	1966
12	NATIONAL FERTILIZERS LTD.	1974
13	PROJECTS & DEVELOPMENT INDIA LTD.	1978
14	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	1978
15	THE FERTILIZER CORPN. OF INDIA LTD. *	1961
MINISTRY OF CHEMICALS & FERTILIZERS		
D/O PHARMACEUTICALS		
16	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1981
17	BIHAR DRUGS AND ORGANIC CHEMICALS LTD *	1987
18	HINDUSTAN ANTIBIOTICS LTD.	1954
19	IDPL (TAMILNADU) LTD. *	1994
20	INDIAN DRUGS & PHARMACEUTICALS LTD. NR	1961
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1981
22	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD *	1979
23	MANIPUR STATE DRUGS & PHAREMACEUTICALS LTD *	1989
24	ORISSA DRUGS & CHEMICALS LTD. NR	1979
25	RAJASTHAN DRUGS & PHARMACEUTICALS LTD. NR	1978
MINISTRY OF CIVIL AVIATION		
26	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	2016

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
27	AI AIRPORT SERVICES LTD.	2003
28	AI ENGINEERING SERVICES LTD.	2004
29	AIR INDIA ASSETS HOLDING LTD	2018
30	AIRPORTS AUTHORITY OF INDIA	1995
31	ALLIANCE AIR AVIATION LTD.	1983
32	CHANDIGARH INTERNATIONAL AIRPORT LTD.	2010
33	DEOGHAR AIRPORT LTD	2019
34	DHALBHUMGARH AIRPORT LTD	2022
35	DHOLERA INTERNATIONAL AIRPORT	2012
36	HOTEL CORPN. OF INDIA LTD.	1971
37	LUDHIANA INTERNATIONAL AIRPORT LTD.	2020
38	PAWAN HANS LTD.	1985
MINISTRY OF COAL		
39	BHARAT COKING COAL LTD.	1972
40	CENTRAL COALFIELDS LTD.	1956
41	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1975
42	CHHATTISGARH EAST RAILWAYS LTD.	2013
43	CHHATTISGARH EAST-WEST RAILWAYS LTD.	2013
44	CIL NAVIKARNIYA URJA LIMITED	2021
45	CIL SOLAR PV LIMITED *	2021
46	COAL INDIA LTD.	1973
47	EASTERN COALFIELDS LTD.	1975
48	JHARKHAND CENTRAL RAILWAY LTD.	2015
49	MAHANADI BASIN POWER LTD.	2011
50	MAHANADI COAL RAILWAY LTD.	2015
51	MAHANADI COALFIELDS LTD.	1992
52	MJSJ COAL LTD. *	2008
53	MNH SHAKTI LTD. *	2008
54	NEYVELI UTTAR PRADESH POWER LTD	2012
55	NLC INDIA LTD.	1956
56	NLC TAMIL NADU POWER LTD.	2005
57	NORTHERN COALFIELDS LTD.	1985
58	SOUTH EASTERN COALFIELDS LTD.	1985
59	WESTERN COALFIELDS LTD.	1975
MINISTRY OF COMMERCE & INDUSTRY		
D/O COMMERCE		
60	E. C. G. C. LTD.	1957
61	INDIA TRADE PROMOTION ORGANISATION	1976
62	ITPO SERVICES LTD. *	2020
63	KARNATAKA TRADE PROMOTION ORGANISATION	2000
64	M M T C LTD.	1963

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
65	P E C LTD. *	1971
66	STATE TRADING CORPN. OF INDIA LTD. *	1956
67	STCL LTD. NR	1982
68	TAMIL NADU TRADE PROMOTION ORGANISATION	2000
MINISTRY OF COMMERCE & INDUSTRY		
D/O PROMOTION OF INDUSTRY AND INTERNAL TRADE		
69	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	2017
70	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	2005
MINISTRY OF COMMUNICATION		
D/O TELECOMMUNICATIONS		
71	BHARAT BROADBAND NETWORK LTD.	2012
72	BHARAT SANCHAR NIGAM LTD.	2000
73	BSNL TOWER CORPORATION	2018
74	I T I LTD.	1950
75	MAHANAGAR TELEPHONE NIGAM LTD.	1986
76	MILLENNIUM TELECOM LTD.	2000
77	TCIL BINA TOLL ROAD LTD.	2012
78	TCIL LAKHNADONE TOLL ROAD LTD.	2013
79	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1978
MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION		
D/O FOOD & PUBLIC DISTRIBUTION		
80	CENTRAL WAREHOUSING CORPN.	1957
81	FOOD CORPN. OF INDIA	1965
MINISTRY OF DEFENCE		
D/O DEFENCE PRODUCTION		
82	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	2021
83	ARMOURED VEHICLES NIGAM LIMITED	2021
84	BEL OPTRONICS DEVICES LTD.	1990
85	BEL-THALES SYSTEMS LTD.	2014
86	BEML LTD.	1964
87	BHARAT DYNAMICS LTD.	1970
88	BHARAT ELECTRONICS LTD.	1954
89	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	1934
90	GLIDERS INDIA LIMITED	2021
91	GOA SHIPYARD LTD.	1967
92	HINDUSTAN AERONAUTICS LTD.	1963
93	HINDUSTAN SHIPYARD LTD.	1952
94	INDIA OPTEL LIMITED	2021
95	INDO RUSSIAN HELICOPTERS LTD.	2017
96	MAMC INDUSTRIES LTD.	2010
97	MAZAGON DOCK SHIPBUILDERS LTD.	1934

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
98	MISHRA DHATU NIGAM LTD.	1973
99	MUNITIONS INDIA LTD.	2021
100	NAINI AEROSPACE LTD.	2016
101	TROOP COMFORTS LIMITED	2021
102	VIGNYAN INDUSTRIES LTD. NR	1963
103	YANTRA INDIA LIMITED	2021
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION		
104	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	1977
105	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	1982
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY		
106	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	1995
MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE		
107	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD NR	1977
MINISTRY OF FINANCE		
D/O ECONOMIC AFFAIRS		
108	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	2006
MINISTRY OF FINANCE		
D/O FINANCIAL SERVICES		
109	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	2011
110	IIFCL ASSET MANAGEMENT COMPANY LTD.	2012
111	IIFCL PROJECTS LTD.	2012
112	INDIA INFRASTRUCTURE FINANCE CO. LTD.	2006
MINISTRY OF FINANCE		
DEPT. OF PUBLIC ENTERPRISES		
113	NATIONAL LAND MONETIZATION CORPORATION LIMITED	2022
MINISTRY OF HEALTH & FAMILY WELFARE		
DEPARTMENT OF HEALTH AND FAMILY WELFARE		
114	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1980
115	HLL BIOTECH LTD.	2012
116	HLL INFRA TECH SERVICES LTD.	2014
117	HLL LIFECARE LTD.	1966
118	HLL MEDIPARK LTD	2016
119	HLL MOTHER & CHILD CARE HOSPITALS LTD. NR	2017
MINISTRY OF HEAVY INDUSTRIES		
120	ANDREW YULE & COMPANY LTD.	1919
121	BHARAT HEAVY ELECTRICALS LTD.	1964
122	BHARAT PUMPS & COMPRESSORS LTD. NR	1970
123	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1986
124	BRIDGE & ROOF CO.(INDIA) LTD.	1920
125	CEMENT CORPN. OF INDIA LTD.	1965
126	ENGINEERING PROJECTS (INDIA) LTD.	1970

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
127	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	2016
128	HEAVY ENGINEERING CORPN. LTD.	1958
129	HINDUSTAN CABLES LTD. NR	1952
130	HINDUSTAN PAPER CORPORATION LTD. NR	1970
131	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD. NR	1960
132	HINDUSTAN SALTS LTD.	1958
133	HMT (INTERNATIONAL) LTD.	1974
134	HMT LTD.	1953
135	HMT MACHINE TOOLS LTD.	1999
136	HMT WATCHES LTD. NR	1999
137	INSTRUMENTATION LTD.	1964
138	JAGDISHPUR PAPER MILLS LTD. NR	2008
139	NAGALAND PULP & PAPER COMPANY LTD. NR	1971
140	NEPA LTD.	1947
141	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1981
142	RICHARDSON & CRUDDAS(1972) LTD.	1973
143	SAMBHAR SALTS LTD.	1964
144	SCOOTERS INDIA LTD. NR	1972
145	TUNGABHADRA STEEL PRODUCTS LTD. NR	1960
146	YULE ELECTRICAL LTD.	2007
147	YULE ENGINEERING COMPANY LTD.	2007
MINISTRY OF HOME AFFAIRS		
148	DELHI POLICE HOUSING CORPORATION LTD.	2007
MINISTRY OF HOUSING & URBAN AFFAIRS		
149	HEMISPHERE PROPERTIES INDIA LTD.	2005
150	HINDUSTAN PREFAB LTD.	1953
151	HINDUSTAN STEELWORKS COSTN. LTD.	1964
152	HOUSING & URBAN DEV. CORPN. LTD.	1970
153	HSCC (INDIA) LTD.	1983
154	NBCC (INDIA) LTD.	1960
155	NBCC ENVIRONMENT ENGINEERING LTD. NR	2017
156	NBCC INTERNATIONAL LTD. NR	2017
157	NBCC SERVICES LTD.	2014
MINISTRY OF HUMAN RESOURCE DEVELOPMENT		
D/O HIGHER EDUCATION		
158	EdCIL(India) Ltd.	1981
MINISTRY OF INFORMATION & BROADCASTING		
159	BROADCAST ENGG. CONSULTANTS INDIA LTD.	1995
160	NATIONAL FILM DEV. CORPN. LTD.	1975
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES		
161	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1955

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
162	NSIC VENTURE CAPITAL FUND LTD.	2020
MINISTRY OF MINES		
163	CHHATTISGARH COPPER LTD	2018
164	HINDUSTAN COPPER LTD.	1967
165	MINERAL EXPLORATION CORPN. LTD.	1972
166	NATIONAL ALUMINIUM COMPANY LTD.	1981
MINISTRY OF MINORITIES AFFAIRS		
167	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	1994
MINISTRY OF NEW AND RENEWABLE ENERGY		
168	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	1987
169	SOLAR ENERGY CORPORATION OF INDIA	2011
MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES & PENSIONS		
DEPT. OF PERSONNEL AND TRAINING		
170	KARMYOGI BHARAT	2022
MINISTRY OF PETROLEUM & NATURAL GAS		
171	BALMER LAWRIE & CO. LTD.	1924
172	BALMER LAWRIE INVESTMENTS LTD.	2001
173	BHARAT PETRO RESOURCES JPDA *	2006
174	BHARAT PETRO RESOURCES LTD.	2006
175	BHARAT PETROLEUM CORPN. LTD.	1952
176	BPCL-KIAL FUEL FARM PVT. LTD.	2015
177	BRAHAMPUTRA CRACKERS & POLYMER LTD.	2007
178	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	1994
179	CHENNAI PETROLEUM CORPORATION LTD.	1965
180	ENGINEERS INDIA LTD.	1965
181	GAIL (INDIA) LTD.	1984
182	GAIL GAS LTD.	2008
183	HINDUSTAN PETROLEUM CORPN. LTD.	1952
184	HPCL BIOFUELS LTD.	2009
185	HPCL LNG LTD.	2013
186	HPCL RAJASTHAN REFINERY LTD.	2013
187	INDIAN OIL CORPORATION LTD.	1959
188	KONKAN LNG LIMITED	2015
189	MANGALORE REFINERY & PETROCHEMICALS LTD.	1988
190	NUMALIGARH REFINERY LTD.	1993
191	OIL & NATURAL GAS CORPORATION LTD.	1993
192	OIL INDIA INTERNATIONAL LTD. NR	2012
193	OIL INDIA LTD.	1959
194	ONGC VIDESH LTD.	1965
195	PRIZE PETROLEUM COMPANY LTD.	1998
196	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	2014

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
MINISTRY OF PORTS, SHIPPING & WATERWAYS		
197	CENTRAL INLAND WATER TRANSPORT CORPN. LTD. NR	1967
198	COCHIN SHIPYARD LTD.	1972
199	HOOGLY DOCK AND PORT ENGINEERS LTD. NR	1984
200	HOOGLY COCHIN SHIPYARD LTD.	2017
201	INDIA PORTS GLOBAL LTD	2015
202	INLAND & COASTAL SHIPPING LTD.	2016
203	SAGARMALA DEVELOPMENT COMPANY LTD.	2016
204	SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED	2021
205	SHIPPING CORPORATION OF INDIA LTD.	1961
206	UDUPI COCHIN SHIPYARDS LTD.	1984
MINISTRY OF POWER		
207	ANANTHPURAM KURNOOL TRANSMISSION LTD.	2020
208	BEAWAR DAUSA TRANSMISSION LIMITED	2022
209	BEAWAR TRANSMISSION LIMITED	2022
210	BHADLA III TRANSMISSION LIMITED	2022
211	BHADLA SIKAR TRANSMISSION LTD.	2020
212	BHARTIYA RAIL BIJLEE CO. LTD.	2007
213	BIDAR TRANSMISSION LTD.	2020
214	BIHAR INFRAPOWER LTD. NR	2015
215	BIHAR MEGA POWER LTD. NR	2015
216	BIJAWAR-VIDARBHA TRANSMISSION LTD NR	2017
217	BUNDELKHAND SAUR URJA LTD.	2015
218	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	2020
219	CHANDIL TRANSMISSION LTD. *	2018
220	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	2011
221	CHEYUR INFRA LTD. NR	2014
222	CHHATARPUR TRANSMISSION LIMITED	2022
223	COASTAL TAMIL NADU POWER LTD. NR	2007
224	DEOGHAR INFRA LTD. NR	2015
225	DEOGHAR MEGA POWER LTD. NR	2012
226	DHARAMJAIGARH TRANSMISSION LIMITED	2022
227	DUMKA TRANSMISSION LTD. *	2018
228	ERWR POWER TRANSMISSION LIMITED	2022
229	FATEHGARH III BEAWAR TRANSMISSION LIMITED	2022
230	FATEHGARH III TRANSMISSION LIMITED	2022
231	FATEHGARH IV TRANSMISSION LIMITED	2022
232	GHOARPALLI INTEGRATED POWER COMPANY LTD. NR	2008
233	GREEN VALLEY RENEWABLE ENERGY LIMITED	2022
234	GRID CONTROLLER OF INDIA LTD.	2009
235	JALPOWER CORPORATION LTD.	2004

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
236	JHARKHAND INFRAPOWER LTD. *	2015
237	KHAVDA II-B TRANSMISSION LIMITED	2022
238	KHAVDA II-C TRANSMISSION LIMITED	2022
239	KHAVDA II-D TRANSMISSION LIMITED	2022
240	KHAVDA RE TRANSMISSION LIMITED	2022
241	KODERMA TRANSMISSION LTD. *	2018
242	KPS 1 TRANSMISSION LIMITED	2022
243	KPS2 TRANSMISSION LIMITED	2022
244	KPS3 TRANSMISSION LIMITED	2022
245	LANCOTEESTA HYDRO POWER LTD	2000
246	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	2009
247	LUHRI POWER TRANSMISSION LIMITED	2022
248	MANDAR TRANSMISSION LTD. *	2018
249	MEERUT SHAMLI POWER TRANSMISSION LIMITED	2022
250	NERES XVI POWER TRANSMISSION LIMITED	2023
251	NHDC LTD.	2000
252	NHPC LTD.	1975
253	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1976
254	NTPC EDMC WASTE SOLUTIONS	2020
255	NTPC ELECTRIC SUPPLY COMPANY LTD. *	2002
256	NTPC GREEN ENERGY LIMITED	2022
257	NTPC LTD.	1975
258	NTPC MINING LTD	2019
259	NTPC RENEWABLE ENERGY LTD.	2020
260	NTPC VIDYUT VYAPAR NIGAM LTD.	2002
261	ODISHA INFRAPOWER LTD. NR	2014
262	ORISSA INTEGRATED POWER LTD. NR	2006
263	PATRATU VIDYUT UTPADAN NIGAM LTD.	2015
264	PFC CONSULTING LTD.	2008
265	PFC PROJECTS LTD.	2006
266	POWER GRID MITHILANCHAL TRANSMISSION LTD.	2017
267	POWER ENERGY SERVICES LTD.	2022
268	POWER FINANCE CORPORATION LTD.	1986
269	POWER GRID AJMER PHAGI TRANSMISSION LTD.	2019
270	POWER GRID BHIND GUNA TRANSMISSION LTD.	2018
271	POWER GRID BHUJ TRANSMISSION LTD	2019
272	POWER GRID CORPORATION OF INDIA LTD.	1989
273	POWER GRID FATEGARH TRANSMISSION LTD	2019
274	POWER GRID KHETRI TRANSMISSION LTD.	2019
275	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	2016
276	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD	2019

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
277	POWER GRID RAMGARH TRANSMISSION LTD.	2020
278	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	2019
279	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	2015
280	POWER GRID VARANASI TRANSMISSION LTD.	2017
281	POWER GRID VEMAGIRI TRANSMISSION LTD.	2011
282	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.	2020
283	POWERGRID BHADLA TRANSMISSION LTD.	2020
284	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED	2020
285	POWERGRID ER NER TRANSMISSION LIMITED	2021
286	POWERGRID GOMTI YAMUNA TRANSMISSION LIMITED	2021
287	POWERGRID HIMACHAL TRANSMISSION LTD.	2006
288	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	2018
289	POWERGRID NARELA TRANSMISSION LTD.	2020
290	POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED	2022
291	POWERGRID NM TRANSMISSION LTD.	2011
292	POWERGRID SIKAR TRANSMISSION LTD.	2020
293	POWERGRID TELESERVICES LTD.	2021
294	POWERGRID UNCHAHAR TRANSMISSION LTD.	2012
295	RAIPUR POOL DHAMTARI TRANSMISSION LIMITED	2022
296	RAMGARH II TRANSMISSION LIMITED	2022
297	RATLE HYDROELECTRIC POWER CORPORATION LTD.	2021
298	RATNAGIRI GAS & POWER PVT. LTD.	2005
299	REC LTD.	1969
300	REC POWER DEVELOPMENT & CONSULTANCY LTD.	2007
301	SAKHIGOPAL INTEGRATED POWER COMPANY LTD. NR	2008
302	SIKAR KHETRI TRANSMISSION LIMITED	2022
303	SIOT TRANSMISSION LIMITED	2022
304	SJVN GREEN ENERGY LTD.	2022
305	SJVN LTD.	1988
306	SJVN THERMAL PVT. LTD.	2007
307	THDC INDIA LTD.	1988
308	TUSCO LTD.	2020
MINISTRY OF RAILWAYS		
309	BRAITHWAITE & CO. LTD.	1976
310	CONCOR AIR LTD.	2012
311	CONTAINER CORPORATION OF INDIA LTD.	1988
312	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	2006
313	FRESH & HEALTHY ENTERPRISES LTD.	2006
314	HSRC INFRA SERVICES LTD.	2012
315	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1999
316	INDIAN RAILWAY FINANCE CORPORATION LTD.	1986

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S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
317	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	2021
318	IRCON BHOJ MORBE EXPRESSWAY LTD.	2022
319	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	2017
320	IRCON GURGAON REWARI HIGHWAY SERVICES	2020
321	IRCON HARIDWAR BYPASS LIMITED	2022
322	IRCON INFRASTRUCTURE & SERVICES LTD.	2009
323	IRCON INTERNATIONAL LTD.	1976
324	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	2021
325	IRCON PB TOLLWAY LTD.	2014
326	IRCON RENEWABLE POWER LTD.	2022
327	IRCON SHIVPURI GUNA TOLLWAY LTD.	2015
328	IRCON VADODARA KIM EXPRESSWAY LTD.	2018
329	KOLKATA METRO RAIL CORPORATION LTD.	2008
330	KONKAN RAILWAY CORPORATION LTD.	1990
331	MUMBAI RAILWAY VIKAS CORPORATION LTD.	1999
332	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	2013
333	RAIL VIKAS NIGAM LTD.	2003
334	RAILTEL CORPORATION INDIA LTD.	2000
335	RAILTEL ENTERPRISES LTD.	2014
336	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	2013
337	MITES LTD.	1974
338	SIDCUL CONCOR INFRA COMPANY LTD.	2013
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS		
339	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	2014
MINISTRY OF SCIENCE & TECHNOLOGY		
DEPT. OF BIOTECHNOLOGY		
340	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	1989
341	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	2012
342	INDIAN VACCINE CORP. LTD. *	1989
MINISTRY OF SCIENCE & TECHNOLOGY		
DEPT. OF SCIENTIFIC & INDUSTRIAL RESEARCH		
343	CENTRAL ELECTRONICS LTD.	1974
344	NATIONAL RESEARCH DEVELOPMENT CORPN.	1953
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT		
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY		
345	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	1972
346	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.	1997
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT		
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT		
347	NATIONAL BACKWARD CLASSES FINANCE & DEVPT.CO.	1992
348	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1997

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S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
349	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	1989
MINISTRY OF STEEL		
350	BASTAR RAILWAY PRIVATE LIMITED	2016
351	CHHATTISGARH MEGA STEEL CO. LTD.	2015
352	EASTERN INVESTMENT LTD.	1927
353	FERRO SCRAP NIGAM LTD.	1979
354	J & K MINERAL DEVELOPMENT CORPN. LTD. *	1989
355	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD. *	2012
356	KARNATAKA VIJAY NAGAR STEEL LTD.	2014
357	KIOCL LTD.	1976
358	M S T C LTD.	1964
359	MECON LTD.	1973
360	MOIL LTD.	1962
361	NMDC CSR FOUNDATION	2018
362	NMDC Ltd.	1958
363	NMDC STEEL LTD.	2015
364	NMDC-CMDC LTD.	2008
365	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	1918
366	RASHTRIYA ISPAT NIGAM LTD.	1982
367	SAIL REFRACTORY COMPANY LTD.	2011
368	STEEL AUTHORITY OF INDIA LTD.	1973
369	THE BISRA STONE LIME COMPANY LTD.	1910
MINISTRY OF TEXTILES		
370	APOLLO DESIGN APPAREL PARKS LTD.	2007
371	AURANGABAD TEXTILES & APPAREL PARKS LTD.	2007
372	BIRDS JUTE & EXPORTS LTD. NR	1904
373	BRITISH INDIA CORPORATION LTD. *	1981
374	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1976
375	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	2007
376	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD. NR	1958
377	INDIA UNITED TEXTILE MILLS LTD.	2007
378	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1983
379	NATIONAL JUTE MANUFACTURES CORPORATION LTD. NR	1980
380	NATIONAL TEXTILE CORPN. LTD.	1968
381	NEW CITY OF BOMBAY MFG. MILLS LTD. *	2007
382	THE COTTON CORPN. OF INDIA LTD.	1970
383	THE JUTE CORPN. OF INDIA LTD.	1971
MINISTRY OF TOURISM		
384	INDIA TOURISM DEV. CORPN. LTD.	1965
385	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	2001

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
386	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1986
387	PUNJAB ASHOK HOTEL COMPANY LTD.	1998
388	RANCHI ASHOK BIHAR HOTEL CORPN. LTD. *	1983
389	UTKAL ASHOK HOTEL CORPN. LTD. *	1983
MINISTRY OF TRIBAL AFFAIRS		
390	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2001
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION		
391	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1957
392	WAPCOS LTD.	1969
DEPT. OF ATOMIC ENERGY		
393	ANUSHAKTI VIDHYUT NIGAM LTD. *	2011
394	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	2003
395	ELECTRONICS CORPN. OF INDIA LTD.	1967
396	IREL (INDIA) LTD.	1950
397	IREL IDCOL LTD.	2018
398	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD. *	2011
399	NUCLEAR POWER CORPN. OF INDIA LTD.	1987
400	URANIUM CORPORATION OF INDIA LTD.	1967
DEPT. OF SPACE		
401	ANTRIX CORPORATION LTD.	1992
402	NEWSPACE INDIA LTD.	2019

NR- Not Running / Under Closure / Under Liquidation

* Non operating - As per Information furnished by Administrative Ministry/ Department/ CPSEs."

APPENDIX - II

OPERATING CPSEs UNDER DIFFERENT SECTORS/COGNATE GROUPS AS ON 31.3.2023

S. No.	Sector / Cognate Group / CPSE
	AGRICULTURE
	AGRO BASED INDUSTRIES
1	HPCL BIOFUELS LTD.
2	NATIONAL SEEDS CORPN. LTD.
MANUFACTURING, PROCESSING AND GENERATION	
CHEMICALS & PHARMACEUTICALS	
3	BENGAL CHEMICALS & PHARMACEUTICALS LTD.
4	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
5	BRAHMAPUTRA CRACKERS & POLYMER LTD.
6	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
7	HIL (INDIA) LTD.
8	HINDUSTAN ANTIBIOTICS LTD.
9	HINDUSTAN ORGANIC CHEMICALS LTD.
10	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.
11	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.
DEFENCE PRODUCTION	
12	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED
13	ARMOURED VEHICLES NIGAM LIMITED
14	BEL OPTRONICS DEVICES LTD.
15	BEL-THALES SYSTEMS LTD.
16	BEML LTD.
17	BHARAT DYNAMICS LTD.
18	BHARAT ELECTRONICS LTD.
19	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.
20	GLIDERS INDIA LIMITED
21	GOA SHIPYARD LTD.
22	HINDUSTAN AERONAUTICS LTD.
23	HINDUSTAN SHIPYARD LTD.
24	INDIA OPTEL LIMITED
25	MAZAGON DOCK SHIPBUILDERS LTD.
26	MISHRA DHATU NIGAM LTD.
27	MUNITIONS INDIA LTD.
28	NAINI AEROSPACE LTD.
29	TROOP COMFORTS LIMITED
30	YANTRA INDIA LIMITED
FERTILIZERS	
31	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.
32	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
33	MADRAS FERTILIZERS LTD.
34	NATIONAL FERTILIZERS LTD.

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S. No.	Sector / Cognate Group / CPSE
35	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
HEAVY & MEDIUM ENGINEERING	
36	BALMER LAWRIE & CO. LTD.
37	BHARAT HEAVY ELECTRICALS LTD.
38	BRAITHWAITE & CO. LTD.
39	CENTRAL ELECTRONICS LTD.
40	COCHIN SHIPYARD LTD.
41	ELECTRONICS CORPN. OF INDIA LTD.
42	HEAVY ENGINEERING CORPN. LTD.
43	HMT LTD.
44	HMT MACHINE TOOLS LTD.
45	HOOGLY COCHIN SHIPYARD LTD.
46	I T I LTD.
47	INSTRUMENTATION LTD.
48	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
49	RICHARDSON & CRUDDAS(1972) LTD.
50	SAIL REFRACTORY COMPANY LTD.
51	UDUPI COCHIN SHIPYARDS LTD.
INDUSTRIAL AND CONSUMER GOODS	
52	ANDREW YULE & COMPANY LTD.
53	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA
54	CEMENT CORPN. OF INDIA LTD.
55	HINDUSTAN SALTS LTD.
56	HLL LIFECARE LTD.
57	NEPA LTD.
58	SAMBHAR SALTS LTD.
59	SECURITY PRINTING & MINTING CORPN. INDIA LTD.
PETROLEUM (REFINERY & MARKETING)	
60	BHARAT PETROLEUM CORPN. LTD.
61	CHENNAI PETROLEUM CORPORATION LTD.
62	HINDUSTAN PETROLEUM CORPN. LTD.
63	INDIAN OIL CORPORATION LTD.
64	MANGALORE REFINERY & PETROCHEMICALS LTD.
65	NUMALIGARH REFINERY LTD.
POWER GENERATION	
66	BHARTIYA RAIL BIJLEE CO. LTD.
67	BUNDELKHAND SAUR URJA LTD.
68	NHDC LTD.
69	NHPC LTD.
70	NLC INDIA LTD.
71	NLC TAMIL NADU POWER LTD.
72	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
73	NTPC GREEN ENERGY LIMITED
74	NTPC LTD.

(Cont.)

S. No.	Sector / Cognate Group / CPSE
75	NUCLEAR POWER CORPN. OF INDIA LTD.
76	RATNAGIRI GAS & POWER PVT. LTD.
77	SJVN GREEN ENERGY LTD.
78	SJVN LTD.
79	THDC INDIA LTD.
STEEL	
80	FERRO SCRAP NIGAM LTD.
81	RASHTRIYA ISPAT NIGAM LTD.
82	STEEL AUTHORITY OF INDIA LTD.
TEXTILES	
83	APOLLO DESIGN APPAREL PARKS LTD.
84	AURANGABAD TEXTILES & APPAREL PARKS LTD.
85	GOLDMOHUR DESIGN & APPAREL PARKS LTD.
86	INDIA UNITED TEXTILE MILLS LTD.
87	NATIONAL TEXTILE CORPN. LTD.
MINING AND EXPLORATION	
COAL	
88	BHARAT COKING COAL LTD.
89	CENTRAL COALFIELDS LTD.
90	COAL INDIA LTD.
91	EASTERN COALFIELDS LTD.
92	MAHANADI COALFIELDS LTD.
93	NORTHERN COALFIELDS LTD.
94	SOUTH EASTERN COALFIELDS LTD.
95	WESTERN COALFIELDS LTD.
CRUDE OIL	
96	BHARAT PETRO RESOURCES LTD.
97	OIL & NATURAL GAS CORPORATION LTD.
98	OIL INDIA LTD.
99	ONGC VIDESH LTD.
100	PRIZE PETROLEUM COMPANY LTD.
OTHER MINERALS & METALS	
101	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.
102	HINDUSTAN COPPER LTD.
103	IREL (INDIA) LTD.
104	KIOCL LTD.
105	MOIL LTD.
106	NATIONAL ALUMINIUM COMPANY LTD.
107	NMDC Ltd.
108	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
109	THE BISRA STONE LIME COMPANY LTD.
110	URANIUM CORPORATION OF INDIA LTD.

(Cont.)

S. No.	Sector / Cognate Group / CPSE
	SERVICES
	CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES
111	AGRINNOVATE INDIA LTD.
112	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
113	BRIDGE & ROOF CO.(INDIA) LTD.
114	BROADCAST ENGG. CONSULTANTS INDIA LTD.
115	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
116	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
117	CHHATTISGARH EAST RAILWAYS LTD.
118	DELHI POLICE HOUSING CORPORATION LTD.
119	EdCIL(India) Ltd.
120	ENGINEERING PROJECTS (INDIA) LTD.
121	ENGINEERS INDIA LTD.
122	HEMISPHERE PROPERTIES INDIA LTD.
123	HINDUSTAN PREFAB LTD.
124	HINDUSTAN STEELWORKS COSTN. LTD.
125	HLL INFRA TECH SERVICES LTD.
126	HSCC (INDIA) LTD.
127	HSRC INFRA SERVICES LTD.
128	IIFCL PROJECTS LTD.
129	INDIA PORTS GLOBAL LTD
130	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.
131	IRCON BHOJ MORBE EXPRESSWAY LTD.
132	IRCON DAVANAGERE HAVERI HIGHWAY LTD.
133	IRCON GURGAON REWARI HIGHWAY SERVICES
134	IRCON HARIDWAR BYPASS LIMITED
135	IRCON INFRASTRUCTURE & SERVICES LTD.
136	IRCON INTERNATIONAL LTD.
137	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.
138	IRCON PB TOLLWAY LTD.
139	IRCON SHIVPURI GUNA TOLLWAY LTD.
140	IRCON VADODARA KIM EXPRESSWAY LTD.
141	KONKAN RAILWAY CORPORATION LTD.
142	MECON LTD.
143	MINERAL EXPLORATION CORPN. LTD.
144	MUMBAI RAILWAY VIKAS CORPORATION LTD.
145	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
146	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.
147	NATIONAL RESEARCH DEVELOPMENT CORPN.
148	NATIONAL SMALL INDUSTRIES CORPN. LTD.
149	NBCC (INDIA) LTD.
150	NBCC SERVICES LTD.
151	PFC CONSULTING LTD.
152	PROJECTS & DEVELOPMENT INDIA LTD.

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S. No.	Sector / Cognate Group / CPSE
153	RAIL VIKAS NIGAM LTD.
154	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
155	BITES LTD.
156	SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED
157	SOLAR ENERGY CORPORATION OF INDIA
158	TCIL BINA TOLL ROAD LTD.
159	TCIL LAKHNADONE TOLL ROAD LTD.
160	WAPCOS LTD.
	FINANCIAL SERVICES
161	AIR INDIA ASSETS HOLDING LTD
162	BALMER LAWRIE INVESTMENTS LTD.
163	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL
164	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)
165	E. C. G. C. LTD.
166	EASTERN INVESTMENT LTD.
167	HOUSING & URBAN DEV. CORPN. LTD.
168	IIFCL ASSET MANAGEMENT COMPANY LTD.
169	INDIA INFRASTRUCTURE FINANCE CO. LTD.
170	INDIAN RAILWAY FINANCE CORPORATION LTD.
171	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.
172	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD
173	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.
174	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
175	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.
176	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
177	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
178	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
179	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
180	NMDC CSR FOUNDATION
181	NSIC VENTURE CAPITAL FUND LTD.
182	POWER FINANCE CORPORATION LTD.
183	REC LTD.
184	SAGARMALA DEVELOPMENT COMPANY LTD.
	HOTEL AND TOURIST SERVICES
185	HOTEL CORPN. OF INDIA LTD.
186	INDIA TOURISM DEV. CORPN. LTD.
187	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
188	PONDICHERRY ASHOK HOTEL CORPN. LTD.
	POWER TRANSMISSION
189	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.
190	GRID CONTROLLER OF INDIA LTD.
191	POWER GRID MITHILANCHAL TRANSMISSION LTD.
192	POWER GRID AJMER PHAGI TRANSMISSION LTD.

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S. No.	Sector / Cognate Group / CPSE
193	POWER GRID BHIND GUNA TRANSMISSION LTD.
194	POWER GRID BHUJ TRANSMISSION LTD
195	POWER GRID CORPORATION OF INDIA LTD.
196	POWER GRID FATEGARH TRANSMISSION LTD
197	POWER GRID KHETRI TRANSMISSION LTD.
198	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.
199	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD
200	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.
201	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
202	POWER GRID VARANASI TRANSMISSION LTD.
203	POWERGRID GOMTI YAMUNA TRANSMISSION LIMITED
204	POWERGRID HIMACHAL TRANSMISSION LTD.
205	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.
206	POWERGRID NM TRANSMISSION LTD.
207	POWERGRID UNCHAHAHAR TRANSMISSION LTD.
208	REC POWER DEVELOPMENT & CONSULTANCY LTD.
TELECOMMUNICATION & INFORMATION TECHNOLOGY	
209	BHARAT BROADBAND NETWORK LTD.
210	BHARAT SANCHAR NIGAM LTD.
211	MAHANAGAR TELEPHONE NIGAM LTD.
212	MILLENNIUM TELECOM LTD.
213	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
214	RAILTEL CORPORATION INDIA LTD.
215	RAILTEL ENTERPRISES LTD.
216	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
TRADING & MARKETING	
217	ANTRIX CORPORATION LTD.
218	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.
219	FOOD CORPN. OF INDIA
220	HMT (INTERNATIONAL) LTD.
221	INDIA TRADE PROMOTION ORGANISATION
222	KARNATAKA TRADE PROMOTION ORGANISATION
223	M M T C LTD.
224	M S T C LTD.
225	NATIONAL FILM DEV. CORPN. LTD.
226	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.
227	NEWSPACE INDIA LTD.
228	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.
229	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.
230	NTPC VIDYUT VYAPAR NIGAM LTD.
231	TAMIL NADU TRADE PROMOTION ORGANISATION
232	THE COTTON CORPN. OF INDIA LTD.
233	THE JUTE CORPN. OF INDIA LTD.

(Cont.)

S. No.	Sector / Cognate Group / CPSE
TRANSPORT AND LOGISTIC SERVICES	
234	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.
235	AI AIRPORT SERVICES LTD.
236	AI ENGINEERING SERVICES LTD.
237	AIRPORTS AUTHORITY OF INDIA
238	ALLIANCE AIR AVIATION LTD.
239	BPCL-KIAL FUEL FARM PVT. LTD.
240	CENTRAL WAREHOUSING CORPN.
241	CHANDIGARH INTERNATIONAL AIRPORT LTD.
242	CONCOR AIR LTD.
243	CONTAINER CORPORATION OF INDIA LTD.
244	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.
245	FRESH & HEALTHY ENTERPRISES LTD.
246	GAIL (INDIA) LTD.
247	GAIL GAS LTD.
248	INLAND & COASTAL SHIPPING LTD.
249	KONKAN LNG LIMITED
250	PAWAN HANS LTD.
251	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
252	SHIPPING CORPORATION OF INDIA LTD.
253	SIDCUL CONCOR INFRA COMPANY LTD.
254	VISAKHAPATANAM PORT LOGISTICS PARK LTD.

APPENDIX - III

CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT STATE/UNION TERRITORIES AS ON 31.3.2023

S. No.	State / CPSE
	ANDAMAN & NICOBAR ISLANDS
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD NR
	ANDHRA PRADESH
2	HINDUSTAN SHIPYARD LTD.
3	RASHTRIYA ISPAT NIGAM LTD.
	ASSAM
4	BRAHAMPUTRA CRACKERS & POLYMER LTD.
5	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.
6	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.
7	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.
8	NUMALIGARH REFINERY LTD.
9	OIL INDIA LTD.
	BIHAR
10	BIHAR DRUGS AND ORGANIC CHEMICALS LTD *
11	HPCL BIOFUELS LTD.
12	RANCHI ASHOK BIHAR HOTEL CORPN. LTD. *
13	SJVN THERMAL PVT. LTD.
	CHANDIGARH
14	CHANDIGARH INTERNATIONAL AIRPORT LTD.
15	PUNJAB ASHOK HOTEL COMPANY LTD.
16	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
	CHHATTISGARH
17	BASTAR RAILWAY PRIVATE LIMITED
18	CHHATTISGARH COPPER LTD
19	CHHATTISGARH EAST RAILWAYS LTD.
20	CHHATTISGARH EAST-WEST RAILWAYS LTD.
21	CHHATTISGARH MEGA STEEL CO. LTD.
22	FERRO SCRAP NIGAM LTD.
23	NMDC STEEL LTD.
24	NMDC-CMDC LTD.
25	SOUTH EASTERN COALFIELDS LTD.
	DELHI
26	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.
27	AGRINNOVATE INDIA LTD.
28	AI AIRPORT SERVICES LTD.
29	AI ENGINEERING SERVICES LTD.
30	AIR INDIA ASSETS HOLDING LTD
31	AIRPORTS AUTHORITY OF INDIA
32	ALLIANCE AIR AVIATION LTD.
33	ANANTHPURAM KURNOOL TRANSMISSION LTD.

(Cont.)

S. No.	State / CPSE
34	BEAWAR DAUSA TRANSMISSION LIMITED
35	BEAWAR TRANSMISSION LIMITED
36	BHADLA III TRANSMISSION LIMITED
37	BHADLA SIKAR TRANSMISSION LTD.
38	BHARAT BROADBAND NETWORK LTD.
39	BHARAT HEAVY ELECTRICALS LTD.
40	BHARAT SANCHAR NIGAM LTD.
41	BHARTIYA RAIL BIJLEE CO. LTD.
42	BIDAR TRANSMISSION LTD.
43	BIHAR INFRAPOWER LTD. NR
44	BIHAR MEGA POWER LTD. NR
45	BIJAWAR-VIDARBHA TRANSMISSION LTD NR
46	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL
47	BSNL TOWER CORPORATION
48	CEMENT CORPN. OF INDIA LTD.
49	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.
50	CENTRAL ELECTRONICS LTD.
51	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)
52	CENTRAL WAREHOUSING CORPN.
53	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
54	CHANDIL TRANSMISSION LTD. *
55	CHEYYUR INFRA LTD. NR
56	CHHATARPUR TRANSMISSION LIMITED
57	COASTAL TAMIL NADU POWER LTD. NR
58	CONCOR AIR LTD.
59	CONTAINER CORPORATION OF INDIA LTD.
60	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.
61	DELHI POLICE HOUSING CORPORATION LTD.
62	DEOGHAR INFRA LTD. NR
63	DEOGHAR MEGA POWER LTD. NR
64	DHARAMJAIGARH TRANSMISSION LIMITED
65	DUMKA TRANSMISSION LTD. *
66	EdCIL(India) Ltd.
67	ENGINEERING PROJECTS (INDIA) LTD.
68	ENGINEERS INDIA LTD.
69	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)
70	ERWR POWER TRANSMISSION LIMITED
71	FATEHGARH III BEAWAR TRANSMISSION LIMITED
72	FATEHGARH III TRANSMISSION LIMITED
73	FATEHGARH IV TRANSMISSION LIMITED
74	FOOD CORPN. OF INDIA
75	FRESH & HEALTHY ENTERPRISES LTD.
76	GAIL (INDIA) LTD.

(Cont.)

S. No.	State / CPSE
77	GAIL GAS LTD.
78	GHOGARPALLI INTEGRATED POWER COMPANY LTD. NR
79	GREEN VALLEY RENEWABLE ENERGY LIMITED
80	GRID CONTROLLER OF INDIA LTD.
81	HEMISPHERE PROPERTIES INDIA LTD.
82	HIL (INDIA) LTD.
83	HINDUSTAN FERTILIZER CORPN. LTD. *
84	HINDUSTAN PAPER CORPORATION LTD. NR
85	HINDUSTAN PREFAB LTD.
86	HOTEL CORPN. OF INDIA LTD.
87	HOUSING & URBAN DEV. CORPN. LTD.
88	HSRC INFRA SERVICES LTD.
89	IIFCL ASSET MANAGEMENT COMPANY LTD.
90	IIFCL PROJECTS LTD.
91	INDIA INFRASTRUCTURE FINANCE CO. LTD.
92	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.
93	INDIA TOURISM DEV. CORPN. LTD.
94	INDIA TRADE PROMOTION ORGANISATION
95	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
96	INDIAN RAILWAY FINANCE CORPORATION LTD.
97	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.
98	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.
99	IRCON BHOJ MORBE EXPRESSWAY LTD.
100	IRCON DAVANAGERE HAVERI HIGHWAY LTD.
101	IRCON GURGAON REWARI HIGHWAY SERVICES
102	IRCON HARIDWAR BYPASS LIMITED
103	IRCON INFRASTRUCTURE & SERVICES LTD.
104	IRCON INTERNATIONAL LTD.
105	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.
106	IRCON PB TOLLWAY LTD.
107	IRCON RENEWABLE POWER LTD.
108	IRCON SHIVPURI GUNA TOLLWAY LTD.
109	IRCON VADODARA KIM EXPRESSWAY LTD.
110	ITPO SERVICES LTD. *
111	JHARKHAND INFRAPOWER LTD. *
112	KARMYOGI BHARAT
113	KHAVDA II-B TRANSMISSION LIMITED
114	KHAVDA II-C TRANSMISSION LIMITED
115	KHAVDA II-D TRANSMISSION LIMITED
116	KHAVDA RE TRANSMISSION LIMITED
117	KODERMA TRANSMISSION LTD. *
118	KONKAN LNG LIMITED
119	KPS 1 TRANSMISSION LIMITED
120	KPS2 TRANSMISSION LIMITED

(Cont.)

S. No.	State / CPSE
121	KPS3 TRANSMISSION LIMITED
122	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.
123	LUHRI POWER TRANSMISSION LIMITED
124	M M T C LTD.
125	MAHANAGAR TELEPHONE NIGAM LTD.
126	MANDAR TRANSMISSION LTD. *
127	MEERUT SHAMLI POWER TRANSMISSION LIMITED
128	MILLENNIUM TELECOM LTD.
129	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
130	NATIONAL FERTILIZERS LTD.
131	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
132	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
133	NATIONAL LAND MONETIZATION CORPORATION LIMITED
134	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
135	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.
136	NATIONAL RESEARCH DEVELOPMENT CORPN.
137	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
138	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
139	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
140	NATIONAL SEEDS CORPN. LTD.
141	NATIONAL SMALL INDUSTRIES CORPN. LTD.
142	NATIONAL TEXTILE CORPN. LTD.
143	NBCC (INDIA) LTD.
144	NBCC ENVIRONMENT ENGINEERING LTD. NR
145	NBCC INTERNATIONAL LTD. NR
146	NBCC SERVICES LTD.
147	NERES XVI POWER TRANSMISSION LIMITED
148	NSIC VENTURE CAPITAL FUND LTD.
149	NTPC EDMC WASTE SOLUTIONS
150	NTPC ELECTRIC SUPPLY COMPANY LTD. *
151	NTPC GREEN ENERGY LIMITED
152	NTPC LTD.
153	NTPC MINING LTD
154	NTPC RENEWABLE ENERGY LTD.
155	NTPC VIDYUT VYAPAR NIGAM LTD.
156	ODISHA INFRAPOWER LTD. NR
157	OIL & NATURAL GAS CORPORATION LTD.
158	OIL INDIA INTERNATIONAL LTD. NR
159	ONGC VIDESH LTD.
160	ORISSA INTEGRATED POWER LTD. NR
161	P E C LTD. *
162	PATRATU VIDYUT UTPADAN NIGAM LTD.
163	PFC CONSULTING LTD.
164	PFC PROJECTS LTD.

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S. No.	State / CPSE
165	POWER GRID MITHILANCHAL TRANSMISSION LTD.
166	POWER FINANCE CORPORATION LTD.
167	POWER GRID AJMER PHAGI TRANSMISSION LTD.
168	POWER GRID BHIND GUNA TRANSMISSION LTD.
169	POWER GRID BHUJ TRANSMISSION LTD
170	POWER GRID CORPORATION OF INDIA LTD.
171	POWER GRID FATEGARH TRANSMISSION LTD
172	POWER GRID KHETRI TRANSMISSION LTD.
173	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.
174	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD
175	POWER GRID RAMGARH TRANSMISSION LTD.
176	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.
177	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
178	POWER GRID VARANASI TRANSMISSION LTD.
179	POWER GRID VEMAGIRI TRANSMISSION LTD.
180	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.
181	POWERGRID BHADLA TRANSMISSION LTD.
182	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED
183	POWERGRID ER NER TRANSMISSION LIMITED
184	POWERGRID GOMTI YAMUNA TRANSMISSION LIMITED
185	POWERGRID HIMACHAL TRANSMISSION LTD.
186	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.
187	POWERGRID NARELA TRANSMISSION LTD.
188	POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED
189	POWERGRID NM TRANSMISSION LTD.
190	POWERGRID SIKAR TRANSMISSION LTD.
191	POWERGRID TELESERVICES LTD.
192	POWERGRID UNCHAHAR TRANSMISSION LTD.
193	PRIZE PETROLEUM COMPANY LTD.
194	RAIL VIKAS NIGAM LTD.
195	RAILTEL CORPORATION INDIA LTD.
196	RAILTEL ENTERPRISES LTD.
197	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
198	RAIPUR POOL DHAMTARI TRANSMISSION LIMITED
199	RAMGARH II TRANSMISSION LIMITED
200	RATNAGIRI GAS & POWER PVT. LTD.
201	REC LTD.
202	REC POWER DEVELOPMENT & CONSULTANCY LTD.
203	rites LTD.
204	SAGARMALA DEVELOPMENT COMPANY LTD.
205	SAKHIGOPAL INTEGRATED POWER COMPANY LTD. NR
206	SECURITY PRINTING & MINTING CORPN. INDIA LTD.
207	SIKAR KHETRI TRANSMISSION LIMITED
208	SIOT TRANSMISSION LIMITED

(Cont.)

S. No.	State / CPSE
209	SOLAR ENERGY CORPORATION OF INDIA
210	STATE TRADING CORPN. OF INDIA LTD. *
211	STEEL AUTHORITY OF INDIA LTD.
212	TCIL BINA TOLL ROAD LTD.
213	TCIL LAKHNADONE TOLL ROAD LTD.
214	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
215	THE FERTILIZER CORPN. OF INDIA LTD. *
216	WAPCOS LTD.
	GOA
217	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
218	GOA SHIPYARD LTD.
	GUJARAT
219	DHOLERA INTERNATIONAL AIRPORT
220	HPCL LNG LTD.
	HARYANA
221	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.
222	INDIAN DRUGS & PHARMACEUTICALS LTD. NR
223	INDIAN VACCINE CORP. LTD. *
224	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.
225	NHPC LTD.
226	POWER ENERGY SERVICES LTD.
	HIMACHAL PRADESH
227	SJVN GREEN ENERGY LTD.
228	SJVN LTD.
	JAMMU & KASHMIR
229	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.
230	J & K MINERAL DEVELOPMENT CORPN. LTD. *
231	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD
232	RATLE HYDROELECTRIC POWER CORPORATION LTD.
	JHARKHAND
233	BHARAT COKING COAL LTD.
234	CENTRAL COALFIELDS LTD.
235	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
236	DEOGHAR AIRPORT LTD
237	DHALBHUMGARH AIRPORT LTD
238	HEAVY ENGINEERING CORPN. LTD.
239	JHARKHAND CENTRAL RAILWAY LTD.
240	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD. *
241	MECON LTD.
242	URANIUM CORPORATION OF INDIA LTD.
	KARNATAKA
243	ANTRIX CORPORATION LTD.
244	BEL-THALES SYSTEMS LTD.
245	BEML LTD.

(Cont.)

S. No.	State / CPSE
246	BHARAT ELECTRONICS LTD.
247	HINDUSTAN AERONAUTICS LTD.
248	HMT (INTERNATIONAL) LTD.
249	HMT LTD.
250	HMT MACHINE TOOLS LTD.
251	HMT WATCHES LTD. NR
252	I T I LTD.
253	INDO RUSSIAN HELICOPTERS LTD.
254	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.
255	KARNATAKA TRADE PROMOTION ORGANISATION
256	KARNATAKA VIJAY NAGAR STEEL LTD.
257	KIOCL LTD.
258	MANGALORE REFINERY & PETROCHEMICALS LTD.
259	NAINI AEROSPACE LTD.
260	NEWSPACE INDIA LTD.
261	STCL LTD. NR
262	TUNGABHADRA STEEL PRODUCTS LTD. NR
263	VIGNYAN INDUSTRIES LTD. NR
	KERALA
264	BPCL-KIAL FUEL FARM PVT. LTD.
265	COCHIN SHIPYARD LTD.
266	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
267	HLL BIOTECH LTD.
268	HLL INFRA TECH SERVICES LTD.
269	HLL LIFECARE LTD.
	MADHYA PRADESH
270	NEPA LTD.
271	NHDC LTD.
272	NORTHERN COALFIELDS LTD.
	MAHARASHTRA
273	ANUSHAKTI VIDHYUT NIGAM LTD. *
274	APOLLO DESIGN APPAREL PARKS LTD.
275	AURANGABAD TEXTILES & APPAREL PARKS LTD.
276	BEL OPTRONICS DEVICES LTD.
277	BHARAT PETRO RESOURCES JPDA *
278	BHARAT PETRO RESOURCES LTD.
279	BHARAT PETROLEUM CORPN. LTD.
280	E. C. G. C. LTD.
281	GOLDMOHUR DESIGN & APPAREL PARKS LTD.
282	HINDUSTAN ANTIBIOTICS LTD.
283	HINDUSTAN ORGANIC CHEMICALS LTD.
284	HINDUSTAN PETROLEUM CORPN. LTD.
285	INDIA PORTS GLOBAL LTD
286	INDIA UNITED TEXTILE MILLS LTD.

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S. No.	State / CPSE
287	INDIAN OIL CORPORATION LTD.
288	IREL (INDIA) LTD.
289	KONKAN RAILWAY CORPORATION LTD.
290	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD *
291	MAZAGON DOCK SHIPBUILDERS LTD.
292	MINERAL EXPLORATION CORPN. LTD.
293	MOIL LTD.
294	MUMBAI RAILWAY VIKAS CORPORATION LTD.
295	MUNITIONS INDIA LTD.
296	NATIONAL FILM DEV. CORPN. LTD.
297	NEW CITY OF BOMBAY MFG. MILLS LTD. *
298	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD. *
299	NUCLEAR POWER CORPN. OF INDIA LTD.
300	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
301	RICHARDSON & CRUDDAS(1972) LTD.
302	SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED
303	SHIPPING CORPORATION OF INDIA LTD.
304	THE COTTON CORPN. OF INDIA LTD.
305	WESTERN COALFIELDS LTD.
306	YANTRA INDIA LIMITED
	MANIPUR
307	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.
308	MANIPUR STATE DRUGS & PHAREMACEUTICALS LTD *
	MEGHALAYA
309	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
	NAGALAND
310	NAGALAND PULP & PAPER COMPANY LTD. NR
	ODISHA
311	EASTERN INVESTMENT LTD.
312	IREL IDCOL LTD.
313	MAHANADI BASIN POWER LTD.
314	MAHANADI COAL RAILWAY LTD.
315	MAHANADI COALFIELDS LTD.
316	MJSJ COAL LTD. *
317	MNH SHAKTI LTD. *
318	NATIONAL ALUMINIUM COMPANY LTD.
319	ORISSA DRUGS & CHEMICALS LTD. NR
320	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
321	THE BISRA STONE LIME COMPANY LTD.
322	UTKAL ASHOK HOTEL CORPN. LTD. *
	PONDICHERRY
323	PONDICHERRY ASHOK HOTEL CORPN. LTD.
	PUNJAB
324	LUDHIANA INTERNATIONAL AIRPORT LTD.

(Cont.)

S. No.	State / CPSE
	RAJASTHAN
325	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.
326	HINDUSTAN SALTS LTD.
327	HPCL RAJASTHAN REFINERY LTD.
328	INSTRUMENTATION LTD.
329	RAJASTHAN DRUGS & PHARMACEUTICALS LTD. NR
330	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
331	SAMBHAR SALTS LTD.
	TAMILNADU
332	ARMOURED VEHICLES NIGAM LIMITED
333	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.
334	CHENNAI PETROLEUM CORPORATION LTD.
335	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD. NR
336	HLL MEDIPARK LTD
337	IDPL (TAMILNADU) LTD. *
338	MADRAS FERTILIZERS LTD.
339	NLC INDIA LTD.
340	NLC TAMIL NADU POWER LTD.
341	SAIL REFRACTORY COMPANY LTD.
342	TAMIL NADU TRADE PROMOTION ORGANISATION
343	UDUPI COCHIN SHIPYARDS LTD.
	TELANGANA
344	BHARAT DYNAMICS LTD.
345	ELECTRONICS CORPN. OF INDIA LTD.
346	HINDUSTAN FLUOROCARBONS LIMITED NR
347	JALPOWER CORPORATION LTD.
348	LANCOTEESTA HYDRO POWER LTD
349	MISHRA DHATU NIGAM LTD.
350	NMDC CSR FOUNDATION
351	NMDC Ltd.
	UTTAR PRADESH
352	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED
353	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA
354	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
355	BHARAT PUMPS & COMPRESSORS LTD. NR
356	BRITISH INDIA CORPORATION LTD. *
357	BROADCAST ENGG. CONSULTANTS INDIA LTD.
358	BUNDELKHAND SAUR URJA LTD.
359	GLIDERS INDIA LIMITED
360	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD. NR
361	HLL MOTHER & CHILD CARE HOSPITALS LTD. NR
362	HSCC (INDIA) LTD.
363	JAGDISHPUR PAPER MILLS LTD. NR
364	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.

(Cont.)

S. No.	State / CPSE
365	NEYVELI UTTAR PRADESH POWER LTD
366	PAWAN HANS LTD.
367	PROJECTS & DEVELOPMENT INDIA LTD.
368	SCOOTERS INDIA LTD. NR
369	TROOP COMFORTS LIMITED
370	TUSCO LTD.
	UTTARAKHAND
371	INDIA OPTEL LIMITED
372	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.
373	SIDCUL CONCOR INFRA COMPANY LTD.
374	THDC INDIA LTD.
	WEST BENGAL
375	ANDREW YULE & COMPANY LTD.
376	BALMER LAWRIE & CO. LTD.
377	BALMER LAWRIE INVESTMENTS LTD.
378	BENGAL CHEMICALS & PHARMACEUTICALS LTD.
379	BIRDS JUTE & EXPORTS LTD. NR
380	BRAITHWAITE & CO. LTD.
381	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
382	BRIDGE & ROOF CO.(INDIA) LTD.
383	CENTRAL INLAND WATER TRANSPORT CORPN. LTD. NR
384	CIL NAVIKARNIYA URJA LIMITED
385	CIL SOLAR PV LIMITED *
386	COAL INDIA LTD.
387	EASTERN COALFIELDS LTD.
388	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.
389	HINDUSTAN CABLES LTD. NR
390	HINDUSTAN COPPER LTD.
391	HINDUSTAN STEELWORKS COSTN. LTD.
392	HOOGHLY DOCK AND PORT ENGINEERS LTD. NR
393	HOOGLY COCHIN SHIPYARD LTD.
394	INLAND & COASTAL SHIPPING LTD.
395	KOLKATA METRO RAIL CORPORATION LTD.
396	M S T C LTD.
397	MAMC INDUSTRIES LTD.
398	NATIONAL JUTE MANUFACTURES CORPORATION LTD. NR
399	THE JUTE CORPN. OF INDIA LTD.
400	VISAKHAPATANAM PORT LOGISTICS PARK LTD.
401	YULE ELECTRICAL LTD.
402	YULE ENGINEERING COMPANY LTD.

NR- Not Running / Under Closure / Under Liquidation

*Non operating - As per Information furnished by Administrative Ministry/ Department/ CPSEs.

APPENDIX - IV

INDAS APPLICABLE CPSEs AS ON 31.3.2023

S. No.	Name of CPSEs
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.
2	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED
3	AI AIRPORT SERVICES LTD.
4	AI ENGINEERING SERVICES LTD.
5	AIR INDIA ASSETS HOLDING LTD
6	ALLIANCE AIR AVIATION LTD.
7	ANDREW YULE & COMPANY LTD.
8	ANTRIX CORPORATION LTD.
9	APOLLO DESIGN APPAREL PARKS LTD.
10	ARMOURED VEHICLES NIGAM LIMITED
11	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA
12	AURANGABAD TEXTILES & APPAREL PARKS LTD.
13	BALMER LAWRIE & CO. LTD.
14	BALMER LAWRIE INVESTMENTS LTD.
15	BEL OPTRONICS DEVICES LTD.
16	BEL-THALES SYSTEMS LTD.
17	BEML LTD.
18	BHARAT COKING COAL LTD.
19	BHARAT DYNAMICS LTD.
20	BHARAT ELECTRONICS LTD.
21	BHARAT HEAVY ELECTRICALS LTD.
22	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
23	BHARAT PETRO RESOURCES LTD.
24	BHARAT PETROLEUM CORPN. LTD.
25	BHARAT SANCHAR NIGAM LTD.
26	BHARTIYA RAIL BIJLEE CO. LTD.
27	BPCL-KIAL FUEL FARM PVT. LTD.
28	BRAHAMPUTRA CRACKERS & POLYMER LTD.
29	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
30	BRIDGE & ROOF CO.(INDIA) LTD.
31	BUNDELKHAND SAUR URJA LTD.
32	CENTRAL COALFIELDS LTD.
33	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
34	CENTRAL REGISTRY OF SECURITISATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)
35	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.
36	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
37	CHANDIGARH INTERNATIONAL AIRPORT LTD.
38	CHENNAI PETROLEUM CORPORATION LTD.
39	CHHATTISGARH EAST RAILWAYS LTD.
40	COAL INDIA LTD.

(Cont.)

S. No.	Name of CPSEs
41	COCHIN SHIPYARD LTD.
42	CONCOR AIR LTD.
43	CONTAINER CORPORATION OF INDIA LTD.
44	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.
45	EASTERN COALFIELDS LTD.
46	EASTERN INVESTMENT LTD.
47	ELECTRONICS CORPN. OF INDIA LTD.
48	ENGINEERS INDIA LTD.
49	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.
50	FERRO SCRAP NIGAM LTD.
51	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
52	FRESH & HEALTHY ENTERPRISES LTD.
53	GAIL (INDIA) LTD.
54	GAIL GAS LTD.
55	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.
56	GLIDERS INDIA LIMITED
57	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
58	GOA SHIPYARD LTD.
59	GOLDMOHUR DESIGN & APPAREL PARKS LTD.
60	GRID CONTROLLER OF INDIA LTD.
61	HEMISPHERE PROPERTIES INDIA LTD.
62	HINDUSTAN AERONAUTICS LTD.
63	HINDUSTAN COPPER LTD.
64	HINDUSTAN ORGANIC CHEMICALS LTD.
65	HINDUSTAN PETROLEUM CORPN. LTD.
66	HINDUSTAN STEELWORKS COSTN. LTD.
67	HLL INFRA TECH SERVICES LTD.
68	HLL LIFECARE LTD.
69	HMT (INTERNATIONAL) LTD.
70	HMT LTD.
71	HMT MACHINE TOOLS LTD.
72	HOOGLY COCHIN SHIPYARD LTD.
73	HOTEL CORPN. OF INDIA LTD.
74	HOUSING & URBAN DEV. CORPN. LTD.
75	HPCL BIOFUELS LTD.
76	HSCC (INDIA) LTD.
77	HSRC INFRA SERVICES LTD.
78	I T I LTD.
79	IIFCL ASSET MANAGEMENT COMPANY LTD.
80	IIFCL PROJECTS LTD.
81	INDIA INFRASTRUCTURE FINANCE CO. LTD.
82	INDIA OPTEL LIMITED
83	INDIA PORTS GLOBAL LTD
84	INDIA TOURISM DEV. CORPN. LTD.

(Cont.)

S. No.	Name of CPSEs
85	INDIA TRADE PROMOTION ORGANISATION
86	INDIA UNITED TEXTILE MILLS LTD.
87	INDIAN OIL CORPORATION LTD.
88	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
89	INDIAN RAILWAY FINANCE CORPORATION LTD.
90	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.
91	INLAND & COASTAL SHIPPING LTD.
92	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.
93	IRCON BHOJ MORBE EXPRESSWAY LTD.
94	IRCON DAVANAGERE HAVERI HIGHWAY LTD.
95	IRCON GURGAON REWARI HIGHWAY SERVICES
96	IRCON HARIDWAR BYPASS LIMITED
97	IRCON INFRASTRUCTURE & SERVICES LTD.
98	IRCON INTERNATIONAL LTD.
99	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.
100	IRCON PB TOLLWAY LTD.
101	IRCON SHIVPURI GUNA TOLLWAY LTD.
102	IRCON VADODARA KIM EXPRESSWAY LTD.
103	IREL (INDIA) LTD.
104	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.
105	KARNATAKA TRADE PROMOTION ORGANISATION
106	KIOCL LTD.
107	KONKAN LNG LIMITED
108	KONKAN RAILWAY CORPORATION LTD.
109	M M T C LTD.
110	M S T C LTD.
111	MADRAS FERTILIZERS LTD.
112	MAHANADI COALFIELDS LTD.
113	MAHANAGAR TELEPHONE NIGAM LTD.
114	MANGALORE REFINERY & PETROCHEMICALS LTD.
115	MAZAGON DOCK SHIPBUILDERS LTD.
116	MECON LTD.
117	MILLENNIUM TELECOM LTD.
118	MINERAL EXPLORATION CORPN. LTD.
119	MISHRA DHATU NIGAM LTD.
120	MOIL LTD.
121	MUNITIONS INDIA LTD.
122	NAINI AEROSPACE LTD.
123	NATIONAL ALUMINIUM COMPANY LTD.
124	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
125	NATIONAL DIVYANGJAN FINANCE & DEVPT. CORPN.
126	NATIONAL FERTILIZERS LTD.
127	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
128	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED

(Cont.)

S. No.	Name of CPSEs
129	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
130	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.
131	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
132	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
133	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
134	NATIONAL SEEDS CORPN. LTD.
135	NATIONAL SMALL INDUSTRIES CORPN. LTD.
136	NATIONAL TEXTILE CORPN. LTD.
137	NBCC (INDIA) LTD.
138	NBCC SERVICES LTD.
139	NEWSPACE INDIA LTD.
140	NHDC LTD.
141	NHPC LTD.
142	NLC INDIA LTD.
143	NLC TAMIL NADU POWER LTD.
144	NMDC CSR FOUNDATION
145	NMDC Ltd.
146	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.
147	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
148	NORTHERN COALFIELDS LTD.
149	NSIC VENTURE CAPITAL FUND LTD.
150	NTPC GREEN ENERGY LIMITED
151	NTPC LTD.
152	NTPC VIDYUT VYAPAR NIGAM LTD.
153	NUCLEAR POWER CORPN. OF INDIA LTD.
154	NUMALIGARH REFINERY LTD.
155	OIL & NATURAL GAS CORPORATION LTD.
156	OIL INDIA LTD.
157	ONGC VIDESH LTD.
158	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
159	PAWAN HANS LTD.
160	PFC CONSULTING LTD.
161	PONDICHERRY ASHOK HOTEL CORPN. LTD.
162	POWER GRID MITHILANCHAL TRANSMISSION LTD.
163	POWER FINANCE CORPORATION LTD.
164	POWER GRID AJMER PHAGI TRANSMISSION LTD.
165	POWER GRID BHIND GUNA TRANSMISSION LTD.
166	POWER GRID BHUJ TRANSMISSION LTD
167	POWER GRID CORPORATION OF INDIA LTD.
168	POWER GRID FATEGARH TRANSMISSION LTD
169	POWER GRID KHETRI TRANSMISSION LTD.
170	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.
171	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD
172	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.

(Cont.)

S. No.	Name of CPSEs
173	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
174	POWER GRID VARANASI TRANSMISSION LTD.
175	POWERGRID GOMTI YAMUNA TRANSMISSION LIMITED
176	POWERGRID HIMACHAL TRANSMISSION LTD.
177	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.
178	POWERGRID NM TRANSMISSION LTD.
179	POWERGRID UNCHAHAR TRANSMISSION LTD.
180	PRIZE PETROLEUM COMPANY LTD.
181	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
182	RAIL VIKAS NIGAM LTD.
183	RAILTEL CORPORATION INDIA LTD.
184	RAILTEL ENTERPRISES LTD.
185	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
186	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
187	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
188	RASHTRIYA ISPAT NIGAM LTD.
189	RATNAGIRI GAS & POWER PVT. LTD.
190	REC LTD.
191	REC POWER DEVELOPMENT & CONSULTANCY LTD.
192	rites LTD.
193	SAGARMALA DEVELOPMENT COMPANY LTD.
194	SAIL REFRACTORY COMPANY LTD.
195	SECURITY PRINTING & MINTING CORPN. INDIA LTD.
196	SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED
197	SHIPPING CORPORATION OF INDIA LTD.
198	SIDCUL CONCOR INFRA COMPANY LTD.
199	SJVN GREEN ENERGY LTD.
200	SJVN LTD.
201	SOLAR ENERGY CORPORATION OF INDIA
202	SOUTH EASTERN COALFIELDS LTD.
203	STEEL AUTHORITY OF INDIA LTD.
204	TAMIL NADU TRADE PROMOTION ORGANISATION
205	TCIL BINA TOLL ROAD LTD.
206	TCIL LAKHNADONE TOLL ROAD LTD.
207	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
208	THDC INDIA LTD.
209	THE BISRA STONE LIME COMPANY LTD.
210	THE COTTON CORPN. OF INDIA LTD.
211	TROOP COMFORTS LIMITED
212	UDUPI COCHIN SHIPYARDS LTD.
213	URANIUM CORPORATION OF INDIA LTD.
214	VISAKHAPATANAM PORT LOGISTICS PARK LTD.
215	WAPCOS LTD.
216	WESTERN COALFIELDS LTD.
217	YANTRA INDIA LIMITED

APPENDIX - V

CENTRAL PUBLIC SECTOR ENTERPRISES WHOSE DATA HAS BEEN TREATED AS PROVISIONAL IN 2022-23

S. No.	Name of CPSE	Ministry Name
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	MINISTRY OF CIVIL AVIATION
2	AI ENGINEERING SERVICES LTD.	MINISTRY OF CIVIL AVIATION
3	AIR INDIA ASSETS HOLDING LTD	MINISTRY OF CIVIL AVIATION
4	ANANTHPURAM KURNOOL TRANSMISSION LTD.	MINISTRY OF POWER
5	APOLLO DESIGN APPAREL PARKS LTD.	MINISTRY OF TEXTILES
6	ARMOURED VEHICLES NIGAM LIMITED	MINISTRY OF DEFENCE
7	AURANGABAD TEXTILES & APPAREL PARKS LTD.	MINISTRY OF TEXTILES
8	BEAWAR DAUSA TRANSMISSION LIMITED	MINISTRY OF POWER
9	BHADLA III TRANSMISSION LIMITED	MINISTRY OF POWER
10	BSNL TOWER CORPORATION	MINISTRY OF COMMUNICATION
11	CHANDIGARH INTERNATIONAL AIRPORT LTD.	MINISTRY OF CIVIL AVIATION
12	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	MINISTRY OF RAILWAYS
13	FATEHGARH III BEAWAR TRANSMISSION LIMITED	MINISTRY OF POWER
14	FATEHGARH III TRANSMISSION LIMITED	MINISTRY OF POWER
15	FATEHGARH IV TRANSMISSION LIMITED	MINISTRY OF POWER
16	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	MINISTRY OF CHEMICALS & FERTILIZERS
17	GLIDERS INDIA LIMITED	MINISTRY OF DEFENCE
18	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	MINISTRY OF HEALTH & FAMILY WELFARE
19	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	MINISTRY OF TEXTILES
20	GREEN VALLEY RENEWABLE ENERGY LIMITED	MINISTRY OF POWER
21	HEAVY ENGINEERING CORPN. LTD.	MINISTRY OF HEAVY INDUSTRIES
22	HOTEL CORPN. OF INDIA LTD.	MINISTRY OF CIVIL AVIATION
23	INDIA OPTEL LIMITED	MINISTRY OF DEFENCE
24	INDIA TRADE PROMOTION ORGANISATION	MINISTRY OF COMMERCE & INDUSTRY
25	INDIA UNITED TEXTILE MILLS LTD.	MINISTRY OF TEXTILES
26	INSTRUMENTATION LTD.	MINISTRY OF HEAVY INDUSTRIES
27	KARNATAKA TRADE PROMOTION ORGANISATION	MINISTRY OF COMMERCE & INDUSTRY
28	KOLKATA METRO RAIL CORPORATION LTD.	MINISTRY OF RAILWAYS
29	NATIONAL TEXTILE CORPN. LTD.	MINISTRY OF TEXTILES
30	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION

(Cont.)

S. No.	Name of CPSE	Ministry Name
31	NSIC VENTURE CAPITAL FUND LTD.	MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES
32	NTPC GREEN ENERGY LIMITED	MINISTRY OF POWER
33	PAWAN HANS LTD.	MINISTRY OF CIVIL AVIATION
34	PFC CONSULTING LTD.	MINISTRY OF POWER
35	TROOP COMFORTS LIMITED	MINISTRY OF DEFENCE
36	WAPCOS LTD.	MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
37	YANTRA INDIA LIMITED	MINISTRY OF DEFENCE

APPENDIX - VI

LIST OF UNDER CONSTRUCTION CPSEs AS ON 31.3.2023

(₹ in Lakhs)

S. No.	CPSEs	Status	Year of Incorporation	Authroised Capital	Paid-up Capital
1	ANANTHPURAM KURNOOL TRANSMISSION LTD.	Provisional	2020	0	0
2	BASTAR RAILWAY PRIVATE LIMITED	NA	2016	0	0
3	BEAWAR DAUSA TRANSMISSION LIMITED	Provisional	2022	0.01	0.01
4	BEAWAR TRANSMISSION LIMITED	Final	2022	0.05	0.05
5	BHADLA III TRANSMISSION LIMITED	Provisional	2022	0.01	0.01
6	BHADLA SIKAR TRANSMISSION LTD.	Final	2020	0.01	0.01
7	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	Final	2003	5000	4738.2
8	BIDAR TRANSMISSION LTD.	Final	2020	0.05	0.05
9	BSNL TOWER CORPORATION	Provisional	2018	0	0
10	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	Final	2011	5200	3692.39
11	CHHATARPUR TRANSMISSION LIMITED	Final	2022	0.01	0.01
12	CHHATTISGARH COPPER LTD	Final	2018	10	0.64
13	CHHATTISGARH EAST-WEST RAILWAYS LTD.	Final	2013	1110	721.51
14	CHHATTISGARH MEGA STEEL CO. LTD.	NA	2015	0	0
15	CIL NAVIKARNIYA URJA LIMITED	Final	2021	0.1	0.05
16	DEOGHAR AIRPORT LTD	NA	2019	0	0
17	DHALBHUMGARH AIRPORT LTD	NA	2022	0	0
18	DHARAMJAIGARH TRANSMISSION LIMITED	Final	2022	0.01	0.01
19	DHOLERA INTERNATIONAL AIRPORT	Final	2012	200	151.51
20	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	Final	2016	1	0.1
21	ERWR POWER TRANSMISSION LIMITED	Final	2022	0.05	0.05
22	FATEHGARH III BEAWAR TRANSMISSION LIMITED	Provisional	2022	0	0
23	FATEHGARH III TRANSMISSION LIMITED	Provisional	2022	0.01	0.01
24	FATEHGARH IV TRANSMISSION LIMITED	Provisional	2022	0.01	0.01
25	GREEN VALLEY RENEWABLE ENERGY LIMITED	Provisional	2022	0.1	0.1
26	HLL BIOTECH LTD.	NA	2012	0	0
27	HLL MEDIPARK LTD	NA	2016	0	0
28	HPCL LNG LTD.	Final	2013	1293	1257
29	HPCL RAJASTHAN REFINERY LTD.	Final	2013	14000	9765.05
30	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	NA	2017	0	0
31	INDO RUSSIAN HELICOPTERS LTD.	Final	2017	10	10
32	IRCON RENEWABLE POWER LTD.	Final	2022	5	5
33	IREL IDCOL LTD.	Final	2018	4	4
34	JALPOWER CORPORATION LTD.	Final	2004	350	281.49

(Cont.)

S. No.	CPSEs	Status	Year of Incorporation	Authroised Capital	Paid-up Capital
35	JHARKHAND CENTRAL RAILWAY LTD.	Final	2015	500	100.98
36	KARMYOGI BHARAT	Final	2022	40	30
37	KARNATAKA VIJAY NAGAR STEEL LTD.	Final	2014	0.1	0.1
38	KHAVDA II-B TRANSMISSION LIMITED	Final	2022	0.05	0.05
39	KHAVDA II-C TRANSMISSION LIMITED	Final	2022	0.05	0.05
40	KHAVDA II-D TRANSMISSION LIMITED	NA	2022	0	0
41	KHAVDA RE TRANSMISSION LIMITED	Final	2022	0.05	0.05
42	KOLKATA METRO RAIL CORPORATION LTD.	Provisional	2008	3758.62	3758.62
43	KPS 1 TRANSMISSION LIMITED	Final	2022	0.05	0.05
44	KPS2 TRANSMISSION LIMITED	Final	2022	0.05	0.05
45	KPS3 TRANSMISSION LIMITED	Final	2022	0.05	0.05
46	LANCOTEESTA HYDRO POWER LTD	Final	2000	2500	1724.41
47	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	Final	2009	230	141.09
48	LUDHIANA INTERNATIONAL AIRPORT LTD.	NA	2020	0	0
49	LUHRI POWER TRANSMISSION LIMITED	Final	2022	0.05	0.05
50	MAHANADI BASIN POWER LTD.	Final	2011	0.05	0.05
51	MAHANADI COAL RAILWAY LTD.	Final	2015	100	90
52	MAMC INDUSTRIES LTD.	NA	2010	0	0
53	MEERUT SHAMLI POWER TRANSMISSION LIMITED	Final	2022	0.05	0.05
54	NATIONAL LAND MONETIZATION CORPORATION LIMITED	NA	2022	0	0
55	NERES XVI POWER TRANSMISSION LIMITED	Final	2023	0	0
56	NEYVELI UTTAR PRADESH POWER LTD	Final	2012	5000	4399.37
57	NMDC STEEL LTD.	Final	2015	3000	2930.61
58	NMDC-CMDC LTD.	Final	2008	200	192.84
59	NTPC EDMC WASTE SOLUTIONS	Final	2020	0.2	0.2
60	NTPC MINING LTD	Final	2019	0.1	0.05
61	NTPC RENEWABLE ENERGY LTD.	Final	2020	4000	1094.46
62	PATRATU VIDYUT UTPADAN NIGAM LTD.	Final	2015	5000	2213
63	PFC PROJECTS LTD.	Final	2006	0.05	0.05
64	POWER ENERGY SERVICES LTD.	Final	2022	10	10
65	POWER GRID RAMGARH TRANSMISSION LTD.	Final	2020	30	25
66	POWER GRID VEMAGIRI TRANSMISSION LTD.	Final	2011	0.05	0.05
67	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.	Final	2020	100	77.95
68	POWERGRID BHADLA TRANSMISSION LTD.	Final	2020	51	32.21
69	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED	Final	2020	115	100
70	POWERGRID ER NER TRANSMISSION LIMITED	Final	2021	0.05	0.05
71	POWERGRID NARELA TRANSMISSION LTD.	Final	2020	50	0.01

(Cont.)

S. No.	CPSEs	Status	Year of Incorporation	Authroised Capital	Paid-up Capital
72	POWERGRID Neemuch Transmission System Limited	Final	2022	80	0.05
73	POWERGRID SIKAR TRANSMISSION LTD.	Final	2020	95	80
74	POWERGRID TELESERVICES LTD.	Final	2021	50	9
75	PUNJAB ASHOK HOTEL COMPANY LTD.	Final	1998	3	2.5
76	RAIPUR POOL DHAMTARI TRANSMISSION LIMITED	Final	2022	0.01	0.01
77	RAMGARH II TRANSMISSION LIMITED	Final	2022	0.05	0.05
78	RATLE HYDROELECTRIC POWER CORPORATION LTD.	Final	2021	16000	270
79	SIKAR KHETRI TRANSMISSION LIMITED	Final	2022	0.05	0.05
80	SIOT TRANSMISSION LIMITED	Final	2022	0	0
81	SJVN THERMAL PVT. LTD.	Final	2007	4000	2511.68
82	TUSCO LTD.	Final	2020	50	35
83	YULE ELECTRICAL LTD.	Final	2007	0.05	0.05
84	YULE ENGINEERING COMPANY LTD.	Final	2007	3	0.05

* NA=Not Available

Appendix-VII

List of CPSEs which have been Added/ Removed during the year 2022-23

New CPSEs Added during the year 2022-23

Sl. No.	Name of CPSEs	Ministry Name	Remarks
1	BASTAR RAILWAY PRIVATE LIMITED	MINISTRY OF STEEL	Under Construction
2	BEAWAR DAUSA TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
3	BEAWAR TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
4	BHADLA III TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
5	CIL NAVIKARNIYA URJA LIMITED	MINISTRY OF COAL	Under Construction
6	CIL SOLAR PV LIMITED	MINISTRY OF COAL	Non Operating
7	DHARAMJAIGARH TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
8	ERWR POWER TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
9	FATEHGARH III BEAWAR TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
10	FATEHGARH III TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
11	FATEHGARH IV TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
12	GREEN VALLEY RENEWABLE ENERGY LIMITED	MINISTRY OF POWER	Under Construction
13	KHAVDA II-B TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
14	KHAVDA II-C TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
15	KHAVDA II-D TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
16	KHAVDA RE TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
17	KPS 1 TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
18	KPS2 TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
19	KPS3 TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
20	LUHRI POWER TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
21	MEERUT SHAMLI POWER TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
22	NATIONAL LAND MONETIZATION CORPORATION LIMITED	MINISTRY OF FINANCE	Under Construction
23	NERES XVI POWER TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
24	NTPC GREEN ENERGY LIMITED	MINISTRY OF POWER	Operating
25	POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED	MINISTRY OF POWER	Under Construction
26	RAIPUR POOL DHAMTARI TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
27	RAMGARH II TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
28	SHIPPING CORPORATION OF INDIA LAND AND ASSETS LIMITED	MINISTRY OF PORTS, SHIPPING & WATERWAYS	Operating
29	SIKAR KHETRI TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
30	SIOT TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction

CPSEs removed during the year 2022-23

Sr. No.	CPSEs Name	Ministry	Remarks
1	BHARAT GAS RESOURCES LTD,	MINISTRY OF PETROLEUM & NATURAL GAS	As Informed, BHARAT GAS RESOURCES LTD. has been amalgamated with parent company - BPCL with effective date as 16.08.2022 with merger date as 01.04.2021
2	BHARAT OMAN REFINERIES LIMITED,	MINISTRY OF PETROLEUM & NATURAL GAS	As Informed, the company has been amalgamated with parent company - BPCL wef 01.07.2022.
3	BHARAT WAGON & ENGG. CO. LTD.	MINISTRY OF RAILWAYS	As Informed, the name of company has been struck off the registrar of companies, Patna, Bihar, stands dissolved w.e.f. 05.07.2022.
4	BURN STANDARD COMPANY LTD.	MINISTRY OF RAILWAYS	As Informed, the name of company has been struck off from the register of companies, Kolkata, West Bengal, stands dissolved w.e.f. 26.09.2022
5	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION	As Informed, the compant was merged with CWC
6	CHHATTISHGARH SURGUJA POWER LTD.	MINISTRY OF POWER	COMPANY STRUCK OFF WITH ROC/MCA
7	COASTAL MAHARASHTRA MEGA POWER LTD.	MINISTRY OF POWER	COMPANY STRUCK OFF WITH ROC/MCA
8	HMT BEARINGS LTD.	MINISTRY OF HEAVY INDUSTRIES	NCLT (Hyderabad) vide its order dated 20.04.2022 dissolved the HMT Bearing Ltd. RoC dissolved HMT Bearing Limited on 29.06.2022.
9	KANTI BIJLEE UTPADAN NIGAM LTD.	MINISTRY OF POWER	The Scheme of Amalgamation between Kanti Bijlee Utpadan Nigam Limited, a wholly owned subsidiaries of NTPC Limited, and NTPC Limited is effective from 1st April 2022. Accordingly, Kanti Bijlee Utpadan Nigam Limited is no longer a subsidiary of NTPC as the same has been amalgamated with NTPC.
10	KISHTWAR TRANSMISSION LIMITED	MINISTRY OF POWER	SPV transferred to Sterlite Grid 24 Limited, the Successful Bidder.
11	MP POWER TRANSMISSION PACKAGE-I LTD.	MINISTRY OF POWER	Company transferred to M/s Megha Engineering and Infrastructures Limited

(Cont.)

Sr. No.	CPSEs Name	Ministry	Remarks
12	NABINAGAR POWER GENERATING COMPANY LTD.	MINISTRY OF POWER	The Scheme of Amalgamation between Nabinagar Power Generating Company Limited, a wholly owned subsidiaries of NTPC Limited, and NTPC Limited is effective from 1st April 2022. Accordingly, Nabinagar Power Generating Company Limited is no longer a subsidiary of NTPC as the same has been amalgamated with NTPC.
13	NBCC ENGINEERING AND CONSULTANCY LTD.	MINISTRY OF HOUSING & URBAN AFFAIRS	NCLT Pronounced the order on March 16, 2023. The Company has been dissolved w.e.f March 16, 2023
14	RAJGARH TRANSMISSION LTD.	MINISTRY OF POWER	As Informed, the company has been transferred to M/s G R Infraprojects Limited on May 30,2022
15	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	MINISTRY OF POWER	As informed, the company struck off with ROC/MCA
16	TANDA TRANSMISSION COMPANY LTD.	MINISTRY OF POWER	As informed, the company struck off with ROC/MCA
17	TATIYA ANDHRA MEGA POWER LTD.	MINISTRY OF POWER	As informed, the company struck off with ROC/MCA

APPENDIX-VIII

List of CPSEs under Liquidation/Closure/Non Operating as per information by CPSE/Concerned Ministry (as on 31.03.2023)

List of CPSEs under liquidation as per information by CPSE/Concerned Ministry (as on 31.03.2023)	
1	HINDUSTAN PAPER CORPORATION LTD.
2	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.
3	NAGALAND PULP & PAPER COMPANY LTD.
4	OIL INDIA INTERNATIONAL LTD.
5	ORISSA DRUGS & CHEMICALS LTD.
6	VIGNYAN INDUSTRIES LTD.
List of CPSEs approved for closure by the Government (as on 31.03.2023)	
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD
2	BHARAT PUMPS & COMPRESSORS LTD.
3	BIHAR INFRAPOWER LTD.
4	BIHAR MEGA POWER LTD.
5	BIJAWAR-VIDARBHA TRANSMISSION LTD
6	BIRDS JUTE & EXPORTS LTD.
7	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.
8	CHEYUR INFRA LTD.
9	COASTAL TAMIL NADU POWER LTD.
10	DEOGHAR INFRA LTD.
11	DEOGHAR MEGA POWER LTD.
12	GHOARPALLI INTEGRATED POWER COMPANY LTD.
13	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.
14	HINDUSTAN CABLES LTD.
15	HINDUSTAN FLUOROCARBONS LIMITED
16	HLL MOTHER & CHILD CARE HOSPITALS LTD.
17	HMT WATCHES LTD.
18	HOOGHLY DOCK AND PORT ENGINEERS LTD.
19	INDIAN DRUGS & PHARMACEUTICALS LTD.
20	JAGDISHPUR PAPER MILLS LTD.
21	NATIONAL JUTE MANUFACTURES CORPORATION LTD.
22	NBCC ENVIRONMENT ENGINEERING LTD.
23	NBCC INTERNATIONAL LTD.
24	ODISHA INFRAPOWER LTD.
25	ORISSA INTEGRATED POWER LTD.
26	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.
27	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.
28	SCOOTERS INDIA LTD.
29	STCL LTD.
30	TUNGABHADRA STEEL PRODUCTS LTD.

List of CPSEs under Non-Operating as on 31.03.2023	
1	ANUSHAKTI VIDHYUT NIGAM LTD.
2	BHARAT PETRO RESOURCES JPDA
3	BIHAR DRUGS AND ORGANIC CHEMICALS LTD
4	BRITISH INDIA CORPORATION LTD.
5	CHANDIL TRANSMISSION LTD.
6	CIL SOLAR PV LIMITED
7	DUMKA TRANSMISSION LTD.
8	HINDUSTAN FERTILIZER CORPN. LTD.
9	IDPL (TAMILNADU) LTD.
10	INDIAN VACCINE CORP. LTD.
11	ITPO SERVICES LTD.
12	J & K MINERAL DEVELOPMENT CORPN. LTD.
13	JHARKHAND INFRAPOWER LTD.
14	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.
15	KODERMA TRANSMISSION LTD.
16	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD
17	MANDAR TRANSMISSION LTD.
18	MANIPUR STATE DRUGS & PHAREMACEUTICALS LTD
19	MJSJ COAL LTD.
20	MNH SHAKTI LTD.
21	NEW CITY OF BOMBAY MFG. MILLS LTD.
22	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.
23	NTPC ELECTRIC SUPPLY COMPANY LTD.
24	P E C LTD.
25	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.
26	STATE TRADING CORPN. OF INDIA LTD.
27	THE FERTILIZER CORPN. OF INDIA LTD.
28	UTKAL ASHOK HOTEL CORPN. LTD.

APPENDIX-IX

LIST OF CENTRAL PUBLIC SECTOR ENTERPRISES - SCHEDULE WISE CATEGORY

Schedule -A
1. Airports Authority of India
2. Advanced Weapons and Equipment India Limited
3. Armoured Vehicles Nigam Limited
4. BEML Limited
5. Bharat Electronics Limited
6. Bharat Heavy Electricals Limited
7. Bharat Petroleum Corporation Limited
8. Bharat Sanchar Nigam Limited
9. Central Warehousing Corporation
10. Coal India Limited
11. Container Corporation of India Limited
12. Dedicated Freight Corridor Corporation of India Limited
13. Electronics Corporation of India Limited
14. Engineers India Limited
15. Fertilizers & Chemicals (Travancore) Limited
16. Food Corporation of India
17. GAIL (India) Limited
18. Heavy Engineering Corporation Limited
19. Hindustan Aeronautics Limited
20. Hindustan Copper Limited
21. Hindustan Paper Corporation Limited
22. Hindustan Petroleum Corporation Limited
23. HMT Limited
24. Housing & Urban Development Corporation Limited
25. I T I Limited
26. Indian Oil Corporation Limited
27. IRCON International Limited
28. Indian Railway Finance Corporation Limited
29. Karmyogi Bharat
30. Konkan Railway Corporation Limited
31. KIOCL Limited
32. Mahanagar Telephone Nigam Limited
33. Mangalore Refinery & Petrochemicals Limited
34. Mazagon Dock Shipbuilders Limited
35. MECON Limited
36. MMTC Limited
37. MOIL Limited
38. Mumbai Railway Vikas Corporation Limited
39. Munitions India Limited
40. National Aluminium Company Limited

41. NBCC (India) Limited
42. National Fertilizers Limited
43. NewSpace India Limited
44. NHPC Limited
45. NMDC Limited
46. National Textiles Corporation Limited
47. NTPC Limited
48. NLC India Limited
49. North Eastern Electric Power Corporation Limited
50. Oil & Natural Gas Corporation Limited
51. Oil India Limited
52. ONGC Videsh Limited
53. Power Finance Corporation Limited
54. Power Grid Corporation of India Limited
55. Power System Operation Corporation Limited
56. RITES Limited
57. RailTel Corporation of India Limited
58. Rail Vikas Nigam Limited
59. Rashtriya Chemicals and Fertilizers Limited
60. Rashtriya Ispat Nigam Limited
61. Rural Electrification Corporation Limited
62. SJVN Limited
63. Security Printing & Minting Corporation of India Limited
64. Shipping Corporation of India Limited
65. Solar Energy Corporation of India Limited
66. State Trading Corporation of India Limited
67. Steel Authority of India Limited
68. Telecommunications Consultants (India) Limited
69. THDC India Limited
70. Yantra India Limited
Schedule - B
1. Andrew Yule & Company Limited
2. Air India Assets Holding Company Limited
3. Balmer Lawrie & Company Limited
4. Bharat Coking Coal Limited
5. Bharat Dynamics Limited
6. Bharat Gas Resources Limited
7. Bharat Petro Resources Limited
8. Bharat Pumps & Compressors Limited
9. Brahmaputa Crackers & Polymers Limited
10. Brahmaputra Valley Fertilizer Corporation Limited
11. Biotechnology Industry Research Assistance Council
12. Braithwaite & Company Limited
13. Bridge & Roof Company (India) Limited

14. British India Corporation Limited
15. Burn Standard Company Limited
16. Cement Corporation of India Limited
17. Central Coalfields Limited
18. Central Electronics Limited
19. Central Mine Planning & Design Institute Limited
20. Chennai Petroleum Corporation Limited
21. Cochin Shipyard Limited
22. Cotton Corporation of India Limited
23. Eastern Coalfields Limited
24. Engineering Projects (India) Limited
25. Fertilizer Corporation of India Limited
26. Garden Reach Shipbuilders & Engineers Limited
27. Gliders India Limited
28. Goa Shipyard Limited
29. Handicrafts & Handlooms Export Corporation Limited
30. Hindustan Cables Limited
31. Hindustan Fertilizer Corporation Limited
32. HLL Lifecare Limited
33. Hindustan Organic Chemicals Limited
34. Hindustan Shipyard Limited
35. Hindustan Steelworks Construction Company Limited
36. HMT (International) Limited
37. HMT Machine Tools Limited
38. HMT Watches Limited
39. India Optel Limited
40. India Tourism Development Corporation Limited
41. India Trade Promotion Organization
42. Indian Drugs & Pharmaceuticals Limited
43. Indian Railway Catering & Tourism Corporation Limited
44. Indian Rare Earths Limited
45. Indian Renewable Energy Development Agency Limited
46. Instrumentation Limited
47. M S T C Limited
48. Madras Fertilizers Limited
49. Mahanadi Coalfields Limited
50. Mineral Exploration Corporation Limited
51. Mishra Dhatu Nigam Limited
52. National Handloom Development Corporation Limited
53. National Jute Manufacturers Corporation Limited
54. National Projects Construction Corporation Limited
55. National Seeds Corporation Limited
56. National Small Industries Corporation Limited
57. Northern Coalfields Limited
58. Numaligarh Refinery Limited

59. Orissa Mineral Development Company Limited
60. PEC Limited
61. Pawan Hans Limited
62. Projects & Development India Limited
63. Scooters India Limited
64. South Eastern Coalfields Limited
65. Troop Comforts Limited
66. Uranium Corporation of India Limited
67. W A P C O S Limited
68. Western Coalfields Limited
Schedule- C
1. Andaman & Nicobar Islands Forest & Plantation Development Corporation Limited
2. Artificial Limbs Mfg. Corporation of India
3. Brithwaite Burn & Jessop Construction Company Limited
4. Bengal Chemicals & Pharmaceuticals Limited
5. The Bisra Stone Lime Company Limited
6. Broadcast Engineering Consultants India Limited
7. Central Cottage Industries Corporation of India Limited
8. Central Inland Water Transport Corporation Limited
9. Certification Engineers International Limited
10. Delhi Police Housing Corporation
11. EdCIL (India) Limited
12. FCI Aravali Gypsum & Minerals (India) Limited
13. Ferro Scrap Nigam Limited
14. Hindustan Antibiotics Limited
15. HIL (India) Limited
16. Hindustan Photo Films Manufacturing Company Limited
17. Hindustan Prefab Limited
18. Hindustan Salts Limited
19. Hooghly Dock and Port Engineers Limited
20. HSCC (India) Limited
21. Hotel Corporation of India Limited
22. The Jute Corporation of India Limited
23. Karnataka Antibiotics & Pharmaceuticals Ltd
24. Nagaland Pulp & Paper Company Limited
25. National Backward Classes Finance & Development Corporation.
26. National Film Development Corporation Limited
27. National Handicapped Finance & Development Corporation.
28. National Minorities Development & Finance Corporation
29. National Research Development Corporation of India.
30. National Safai Karamcharis Finance & Development Corporation.
31. National Scheduled Castes Finance & Development Corporation
32. National Scheduled Tribes Finance & Development Corporation
33. NEPA Limited

34. North Eastern Handicrafts & Handloom Development Corporation Limited
35. North Eastern Regional Agricultural Marketing Corporation Limited
36. Rajasthan Electronics & Instruments Limited
37. Richardson & Cruddas (1972) Limited
38. STCL Limited
39. Tungabhadra Steel Products Limited
Schedule-D
1. Birds Jute & Exports Limited
2. Hindustan Fluorocarbons Limited
3. Indian Medicines Pharmaceutical Corporation Limited
4. Orissa Drugs & Chemicals Limited
5. Rajasthan Drugs & Pharmaceuticals Limited

LIST OF CENTRAL PUBLIC SECTOR ENTERPRISES - RATANA WISE CATEGORY	
Maharatna CPSEs	
1.	Bharat Heavy Electricals Limited
2.	Bharat Petroleum Corporation Limited
3.	Coal India Limited
4.	GAIL India Limited
5.	Hindustan Petroleum Corporation Limited
6.	Indian Oil Corporation Limited
7.	NTPC Limited
8.	Oil & Natural Gas Corporation Limited,
9.	Power Finance Corporation
10.	Power Grid Corporation of India Limited
11.	Rural Electrification Corporation Limited
12.	Steel Authority of India Limited
Navratna CPSEs	
1.	Bharat Electronics Limited
2.	Container Corporation of India Limited
3.	Engineers India Limited
4.	Hindustan Aeronautics Limited
5.	Mahanagar Telephone Nigam Limited
6.	National Aluminium Company Limited
7.	National Buildings Construction Corporation Limited
8.	Neyveli Lignite Corporation Limited
9.	NMDC Limited
10.	Oil India Limited
11.	Rashtriya Ispat Nigam Limited
12.	Shipping Corporation of India Limited
Miniratna I CPSEs	
1.	Airports Authority of India
2.	Antrix Corporation Limited
3.	Balmer Lawrie & Co. Limited
4.	Bharat Coking Coal Limited
5.	Bharat Dynamics Limited
6.	BEML Limited
7.	Bharat Sanchar Nigam Limited
8.	Braithwaite & Company Limited
9.	Bridge & Roof Company (India) Limited
10.	Central Warehousing Corporation
11.	Central Coalfields Limited
12.	Central Mine Planning & Design Institute Limited
13.	Chennai Petroleum Corporation Limited

14. Cochin Shipyard Limited
15. Cotton Corporation of India Ltd.
16. EdCIL (India) Limited
17. Garden Reach Shipbuilders & Engineers Limited
18. Goa Shipyard Limited
19. Hindustan Copper Limited
20. Hindustan Steelworks Construction Limited
21. HLL Lifecare Limited
22. Hindustan Paper Corporation Limited
23. Housing & Urban Development Corporation Limited
24. HSCC (India) Limited
25. India Tourism Development Corporation Limited
26. Indian Rare Earths Limited
27. Indian Railway Catering & Tourism Corporation Limited
28. Indian Railway Finance Corporation Limited
29. Indian Renewable Energy Development Agency Limited
30. India Trade Promotion Organization
31. IRCON International Limited
32. KIOCL Limited
33. Mazagaon Dock Shipbuilders Limited
34. Mahanadi Coalfields Limited
35. MOIL Limited
36. Mangalore Refinery & Petrochemical Limited
37. Mineral Exploration Corporation Limited
38. Mishra Dhatu Nigam Limited
39. MMTC Limited
40. MSTC Limited
41. National Fertilizers Limited
42. National Projects Construction Corporation Limited
43. National Small Industries Corporation Limited
44. National Seeds Corporation
45. NHPC Limited
46. Northern Coalfields Limited
47. North Eastern Electric Power Corporation Limited
48. Numaligarh Refinery Limited
49. ONGC Videsh Limited
50. Pawan Hans Helicopters Limited
51. Projects & Development India Limited
52. Railtel Corporation of India Limited
53. Rail Vikas Nigam Limited
54. Rashtriya Chemicals & Fertilizers Limited
55. RITES Limited
56. SJVN Limited
57. Security Printing and Minting Corporation of India Limited
58. South Eastern Coalfields Limited

59. Telecommunications Consultants India Limited
60. THDC India Limited
61. Western Coalfields Limited
62. WAPCOS Limited
Miniratna II CPSEs
1. Artificial Limbs Manufacturing Corporation of India
2. Bharat Pumps & Compressors Limited
3. Broadcast Engineering Consultants India Limited
4. Engineering Projects (India) Limited
5. FCI Aravali Gypsum & Minerals India Limited
6. Ferro Scrap Nigam Limited
7. HMT (International) Limited
8. Indian Medicines & Pharmaceuticals Corporation Limited
9. MECON Limited
10. National Film Development Corporation Limited
11. Rajasthan Electronics & Instruments Limited

Note :- Details of Schedule and Ratna Category CPSEs is provided by the Concerned Division

APPENDIX - X

GLOSSARY OF CERTAIN TERMS USED IN THIS REPORT

1. **Capital Employed** means total shareholder's funds and long term borrowings.
2. **Shareholder 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 (PBIEET) 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.
18. **EBITDA** means earnings before interest, taxes, depreciation, and amortization; it is a measure of a company's overall financial performance.
19. **The Asset Turnover ratio** is the net sales value divided by the average of total assets



**Government of India
Ministry of Finance
Department of Public Enterprises
New Delhi**