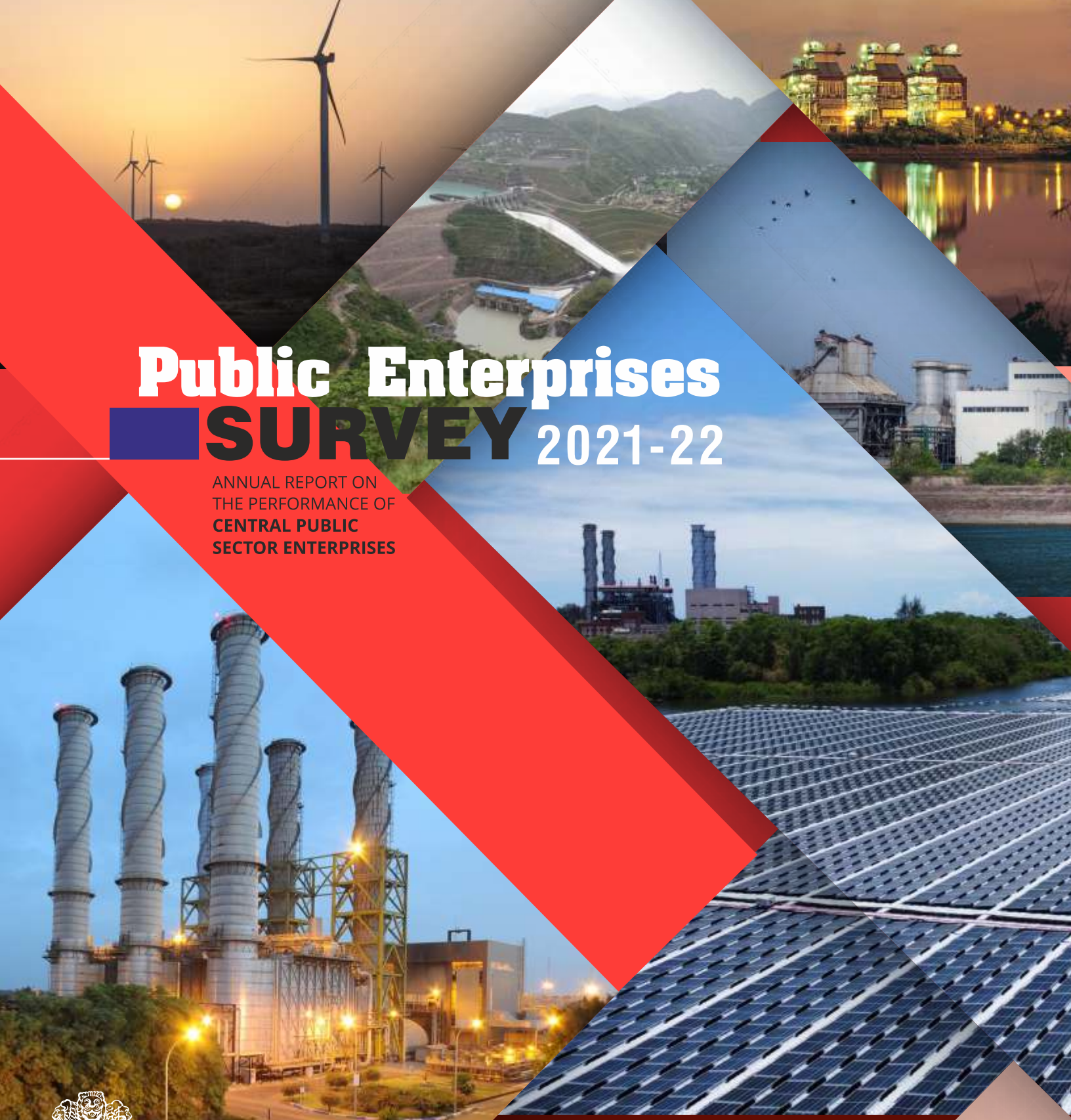

Public Enterprises SURVEY 2021-22

ANNUAL REPORT ON
THE PERFORMANCE OF
CENTRAL PUBLIC SECTOR ENTERPRISES

सत्यमेव जयते

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

G20 भारत 2023 INDIA

75 Azadi Ka Amrit Mahotsav

MAKE IN INDIA

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Public Enterprises Survey

2021-22

Government of India
Ministry of Finance
Department of Public Enterprises

निर्मला सीतारामन
वित्त एवं कार्पोरेट कार्य मंत्री
भारत सरकार

सत्यमेव जयते

आज़ादी का अमृत महोत्सव

Nirmala Sitharaman
Minister of Finance and Corporate Affairs
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Foreword

Central Public Sector Enterprises (CPSEs) play an important role in bolstering Indian Economy particulary in strategic and citizen centric sectors. I am happy to note that during the Financial Year 2021-22, the overall performance of CPSEs in India has shown a significant improvement. 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 Enterprises Survey is an unique data repository catering to the aforesaid need.

I wish to compliment all those who have worked tirelessly to ensure timely preparation of the 62nd edition of the Public Enterprises Survey for the Financial Year 2021-22.

(Nirmala Sitharaman)

13 December, 2022
New Delhi

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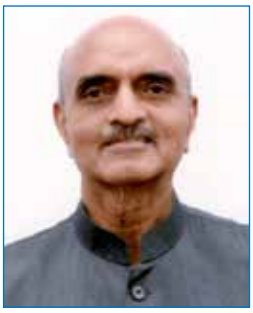
वित्त राज्य मंत्री
भारत सरकार
MINISTER OF STATE FOR FINANCE
GOVERNMENT OF INDIA



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 62nd edition of the PE Survey 2021-22.

(Dr. Bhagwat Karad)

09 Dec., 2022
New Delhi

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वित्त मंत्रालय
लोक उद्यम विभाग
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 Department carries out an annual data collection exercise in respect to all 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, 2022
New Delhi

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Statements and Appendices

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Executive Summary

The Public Enterprises Survey

The Public Enterprises Survey 2021-22 presents a summary of the financial performance of Central Public Sector Enterprises for the Financial Year 2021-22. 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.

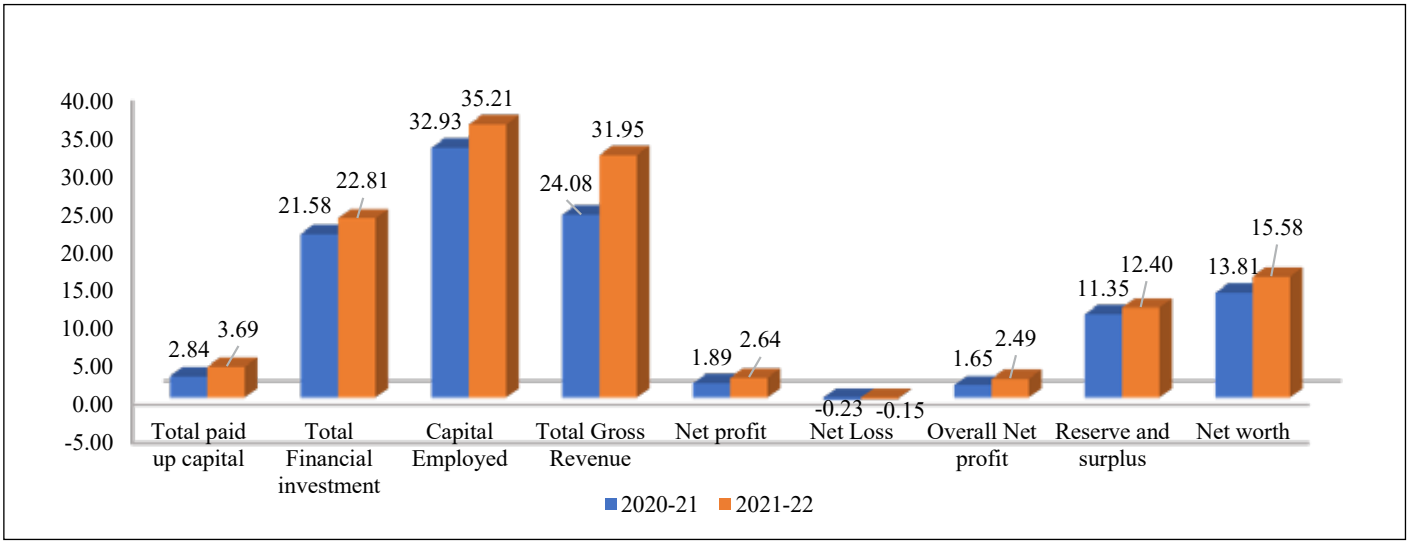
Coverage

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 2021-22 is the 62nd publication in this series. The survey presents the picture of 389 CPSEs which includes 248 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**.

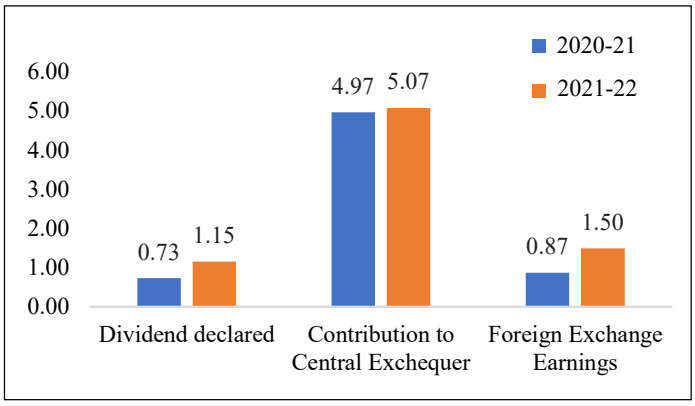
Figure 1: CPSEs Performance Highlights (₹ lakh crores).



- **Total Paid-up Capital** of all CPSEs was ₹3.69 lakh crore as on March 31, 2022 as against ₹2.84 lakh crore on March 31, 2021 showing an increase of **29.82%**.
- **Total Financial Investments** in all CPSEs was ₹22.81 lakh crore as on March 31, 2022 against ₹21.58 lakh crore as on March 31, 2021, recording a growth of **5.71%.**
  - Among the sectors, Services sector had the highest investments accounting for 68.07% of outstanding financial investments in CPSEs, followed by Manufacturing, Processing & Generation with 23.92%, and Mining & Exploration with 4.86%. The share of Agriculture was negligible.
  - Among the cognate groups, Financial Services accounted for 53.65% of the outstanding Financial Investments followed by Power Generation with 15.01%, Petroleum (Refinery & Marketing) with 6.19% and Power Transmission with 5.88%. 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.

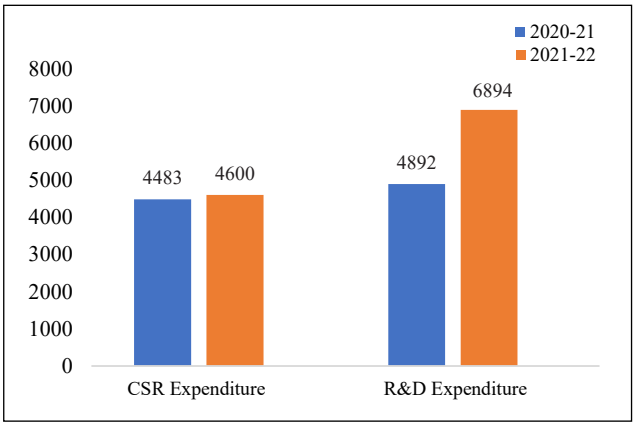
- **Capital Employed** by all CPSEs was ₹35.21 lakh crore as on March 31, 2022 against ₹32.93 lakh crore as on March 31, 2021, showing a growth of **6.93%**.
- **Total Gross Revenue** from the operations of operating CPSEs during FY 2021-22 was ₹31.95 lakh crore as against ₹24.08 lakh crore in FY 2020-21, showing an increase of **32.65%**.
  - This increase in FY 2021-22 was largely due to increase in the Petroleum (Refinery & Marketing), Crude oil & Transport and logistics 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 69.08 % to the Gross Revenue in FY 2021-22.
  - Top five CPSEs having highest Revenue during FY 2021-22 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 ₹2.64 lakh crore in FY 2021-22 against ₹1.89 lakh crore in FY 2020-21 showing an increase of **39.85%**. Top five CPSEs with highest Net profits are ONGC Ltd, Indian Oil Corporation Ltd, Power Grid Corporation of India, NTPC Ltd & Steel Authority of India Ltd.
- **Net Loss** of loss-incurring CPSEs was ₹0.15 lakh crore in FY 2021-22 as against ₹0.23 lakh crore in FY 2020-21 showing a decrease of **37.82%**. Major loss making CPSEs are Bharat Sanchar Nigam Ltd, Mahanagar Telecom Nigam Ltd, Air India Assets Holding Ltd, Eastern Coalfields Ltd & Alliance Air Aviation Ltd.
- **Overall Net Profit** of operating CPSEs during FY 2021-22 stood at ₹2.49 lakh crore as against ₹1.65 lakh crore during FY 2020-21 showing an increase of **50.87%**.
  - A major proportion of the profit is contributed by Crude oil cognate group, where it increased from ₹0.13 lakh crore in FY 2020-21 to ₹0.46 lakh crore in FY 2021-22. Within the crude oil cognate group, the major contribution towards increase in Overall Net Profit is contributed by ONGC Ltd. (by ₹0.29 lakh crore.)
- **Reserves and Surplus** of all CPSEs stood at ₹12.40 lakh crore as on March 31, 2022 as against ₹11.35lakh crore as on March 31, 2021, showing an increase of **9.25%.**
- **Net Worth** of all CPSEs increased from ₹13.81 lakh crore as on March 31, 2021 to ₹15.58 lakh crore as on March 31, 2022, showing an increase of **12.81%.**
- **Dividend** declared by operating CPSEs (112) in FY 2021-22 stood at ₹1.15 lakh crore against ₹0.73 lakh crore in FY 2020-21, showing an increase of **57.58%.**
- **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 ₹5.07 lakh crore in FY 2021-22 as against ₹4.97 lakh crore in FY 2020-21, showing an increase of **2.14%.** The collection has increased due to an increase in GST collection from ₹0.38 lakh crore (in FY 2020-21) to ₹0.58 lakh crore (in FY 2021-22). Top five CPSEs contributing to Central Exchequer are Indian Oil Corporation Ltd, Bharat Petroleum Corporation Ltd, Hindustan Petroleum Corporation Ltd, Bharat Oman Refineries Ltd & Chennai Petroleum Corporation Ltd.
- **Foreign Exchange Earnings** of operating CPSEs through the export of goods and services stood at ₹1.50 lakh crore in FY 2021-22 against ₹0.87 lakh crore in FY 2020-21, showing an increase of **72.16%**. Top Five CPSEs under this category are Mangalore Refinery & Petrochemicals Ltd, Indian Oil Corporation Ltd, GAIL (India) Ltd, ONGC Videsh Ltd & Bharat Petroleum Corporation Ltd.

Figure 2: CPSEs Performance Highlights (₹ lakh crore)



- **CSR Expenditure** of all CSR eligible CPSEs (160) stood at ₹4,600 crore in FY 2021-22 against ₹4,483 crore in FY 2020-21 showing an increase of **2.61%**. Top five CPSEs contributing highest under CSR are ONGC Ltd, NTPC Ltd, Indian Oil Corporation Ltd, NMDC Ltd and Power Grid Corporation Ltd.
- **R&D Expenditure** of all CPSEs stood at ₹6,894 crore in FY 2021-22 against ₹4,892 crore in FY 2020-21 showing an increase of **40.95%**. Top five CPSEs contributing highest under this head are Hindustan Aeronautics Ltd., Indian Oil Corporation Ltd, Steel Authority of India Ltd, Bharat Heavy Electricals Ltd and ONGC Ltd.

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



- **Total Market Capitalisation (M-cap)** of 62 CPSEs traded on stock exchanges of India was ₹15.46 lakh crore as on March 31, 2022 as against ₹12.20 lakh crore as on March 31, 2021 showing an increase of 27%. Major contributors of increase in M-Cap are National Aluminium Company Ltd (125%), Fertilizers & Chemicals (Travancore) Ltd. (123%), IRCTC Ltd. (121%), and 5 other CPSEs having an increase of more than 50%.

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.

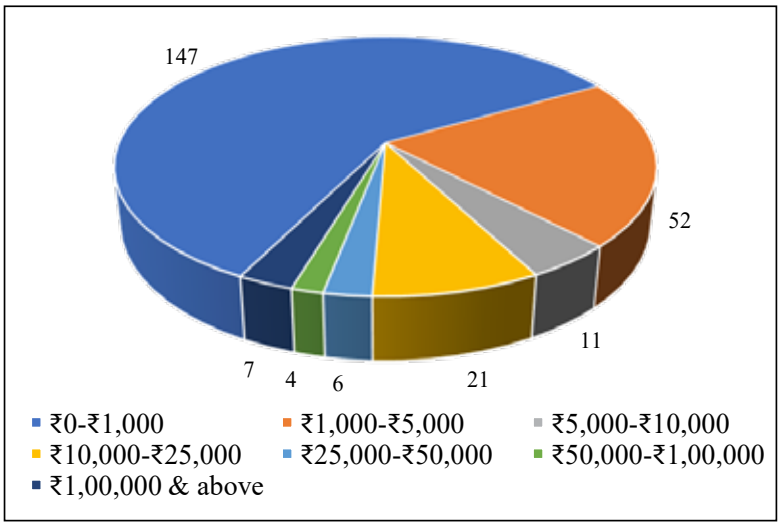
1.3 Overview of CPSEs

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 389 in FY 2021-22. The trend in total number of CPSEs over the last five years along with number of listed CPSEs has been provided in **Table 1.1**.

Table 1.1: Trend in number of CPSEs.

S No.	Particulars	2017-18	2018-19	2019-20	2020-21	2021-22
1.	Total number of CPSEs	339	348	366	389	389
2.	Number of operating CPSEs	249	249	256	255	248
3.	CPSEs Under Construction	81	86	96	108	95
4.	CPSEs under closure/liquidation/non-operating	9	13	14	26	46
5.	Number of listed CPSEs	52	56	58	61	62

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



There are total 248 operating CPSEs in FY 2021-22 contributing total Gross turnover of ₹31.95 lakh crores. **Figures 1.1** shows the distribution of no. of CPSEs in terms of the turnover during FY 2021-22. As per the figure, 147 CPSEs belong to the category of having operational income less than ₹1,000 crores. 52 CPSEs having operational income between ₹1,000 – ₹5,000 crore, 11 CPSEs having operational income between ₹5,000 – ₹10,000 crores, 21 CPSEs having operational income between ₹10,000 – ₹25,000 crores, 6 CPSEs between ₹25,000 – ₹50,000 crores, 4 CPSEs between ₹50,000 – ₹1,00,000 crores and 7 CPSEs having operational income more than ₹1,00,000 crores. The 7 CPSEs whose turnover is more than ₹1,00,000 crores, contributing 66% of the total Gross turnover of all operating CPSEs.

1.4 Cognate-group wise distribution of CPSEs

The enterprises covered in this survey have been classified into five sectors having 21 different cognate groups. The cognate groups in which the enterprises 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 CPSEs.

S. No.	Cognate Group	Number of CPSEs	
		March 31, 2021	March 31,2022
Agriculture			
1.	Agro-Based Industries	3	3
	Sub-Total	**3**	**3**
Mining & Exploration			
2.	Coal	8	8
3.	Crude Oil	6	6
4.	Other Minerals & Metals	11	11
	Sub-Total	**25**	**25**
Manufacturing, Processing & Generation			
5.	Steel	5	4
6.	Petroleum (Refinery & Marketing)	7	8
7.	Fertilisers	7	7
8.	Chemicals & Pharmaceuticals	20	19
9.	Heavy & Medium Engineering	36	40
10.	Transportation Vehicle & Equipment	1	1
11.	Industrial & Consumer Goods	13	11
12.	Textiles	8	8
13.	Power Generation	13	15
	Sub-Total	**110**	**113**
Services			
14.	Power Transmission	16	19
15.	Trading & Marketing	21	21
16.	Transport & Logistic Services	25	23
17.	Contract & Construction and Tech. Consultancy Services	45	52
18.	Hotel & Tourist Services	6	6
19.	Financial Services	22	24
20.	Telecommunication & Information Technology	8	8
	Sub-Total	**143**	**153**
CPSEs Under Construction			
21.	CPSEs Under Construction	108	95
	Sub-Total	**108**	**95**
Grand Total		**389**	**389**

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 389 CPSEs covered in PE Survey 2021-22, 248 are operating CPSEs with a total operating income (Gross Turnover) of ₹31.95 lakh crore. The total Financial Investment and Gross Block of all CPSEs stood at ₹22.81 lakh crore & ₹28.11 lakh crore respectively. Further, the increasing role of CPSEs is also visible especially in areas such as Power, Defence & Construction of Highways/ Expressways. As many as 23 CPSEs newly added in PE survey 2021-22 under these areas, of which 7 CPSEs are in Defence, 9 CPSEs are under Power and 7 CPSEs added in Construction. The newly added 7 CPSEs in Defence were earlier functioning as "Department run Public Enterprises" and now converted into CPSEs. In the newly added segments, Government has also given focus on renewable sources of power. Further, thrust has also been given to construction sector wherein 7 new CPSEs have been formed for construction of Highways & Expressways.

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

As per National Accounts Statistics 2022, the GDP estimated at current prices was ₹236.65 lakh crore in FY 2021-22, as against ₹198.01 lakh crore in FY 2020-21 (19.51 % growth). The estimated Gross Value Added (GVA) at current price was ₹213.49 lakh crore in FY 2021-22, as against ₹180.58 lakh crore in FY 2020-21 (18.23% growth).

Despite the slow-down during the Covid-19 pandemic, the CPSEs continued to support the growth in the economy by scaling up investments. The Financial Investments in CPSEs also increased by ₹1.23 lakh crore during the year, from ₹21.58 lakh crore in FY 2020-21 to ₹22.81 lakh crore in FY 2021-22. The increase in Financial Investments was largely driven by paid up capital which comprises 14.83 % of overall Financial Investment. The highest increase in Financial Investments was seen in the Financial Services cognate group (which contributed to 53.65% of the overall increase in Financial Investments), followed by Heavy & Medium Engineering which is 0.91%. The total Gross Block of all CPSEs increased by ₹2.41 lakh crore during the year, from ₹25.70 lakh crore in FY 2020-21 to ₹28.11 lakh crore in FY 2021-22. The largest increase in Gross Block was reported by Indian Oil Corporation Ltd, followed by ONGC Ltd. and NTPC Ltd.

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

S. No.	Parameters	2020-21 (₹ lakh crore)	2021-22 (₹ lakh crore)	% Variation
1	National Gross Value Added (GVA) at current prices	180.58	213.49	18.23%
2	GDP at current prices	198.01	236.65	19.51%
3	Total Gross Block of CPSEs	25.70	28.11	9.35%
4	Financial Investments in CPSEs	21.58	22.81	5.71%

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 2021-22)

S. No.	Parameters	Percentage in India's GVA	Percentage in CPSEs Gross Block
1	Agriculture Sector	18.64	0.04
2	Mining & Exploration Sector	2.40	20.65
3	Manufacturing, Processing & Generation Sector	15.49	50.05
4	Service Sector	63.46	29.26

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 2022, the GVA by economic activity (at current prices) of Agriculture sector was ₹39.80 lakh crore in FY 2021-22, forming 18.64% of the overall GVA. The GVA of Agriculture sector showed a growth of 10.27% in FY 2021-22 over the FY 2020-21.

The aggregate Gross Block of two CPSEs under Agriculture sector increased by ₹18.99 crore in FY 2021-22, growing at 1.84% over FY 2020-21. 62.19% 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 2022, the GVA by economic activity (at current prices) of Mining sector was ₹5.13 lakh crore in FY 2021-22, forming 2.40% of overall GVA. The GVA of Mining sector showed a growth of 57.88% in FY 2021-22 over the FY 2020-21.

The aggregate Gross Block of all 23 operating CPSEs in the sector increased by ₹0.42 lakh crore in FY 2021-22, growing at 8.12% over FY 2020-21. About 78.23% 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 ₹0.22 lakh crore) in FY 2021-22.

The financial investments increased by ₹0.05 lakh crore from ₹1.06 lakh crore in FY 2020-21 to ₹1.11 lakh crore in 2021-22. The increase in financial investments was supported by the rise in paid-up capital (comprising about 47.92% of financial investments) and long-term loans (comprising 52.08% 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 2022, the GVA by economic activity (at current prices) of Manufacturing sector was ₹33.07 lakh crore in FY 2021-22 forming 15.49% of overall GVA. The GVA of Manufacturing sector showed an increase of 22.07%, over the FY 2020-21.

The aggregate Gross Block of all 85 operating CPSEs in the sector increased by ₹1.33 lakh crore in FY 2021-22, growing at 10.80% over the FY 2020-21. 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 Ltd. 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 ₹0.08 lakh crore from ₹5.37 lakh crore in FY 2020-21 to ₹5.45 lakh crore in 2021-22. The increase in financial investments was largely through share application money pending allotment.

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 2022, the GVA by economic activity (at current prices) of other sectors (excluding Agriculture, Mining and Manufacturing) was ₹135.49 lakh crore in FY 2021-22, forming 63.46% of overall GVA. The GVA of the sector showed a growth of 18.71% in FY 2021-22 over the FY 2020-21.

The aggregate Gross Block of all 138 operating CPSEs in the sector increased by ₹0.38 lakh crore in FY 2021-22, growing at 5.04% over FY 2020-21. 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 ₹0.95 Lakh crore from ₹14.58 Lakh crore in FY 2020-21 to ₹15.53 Lakh crore in 2021-22. The increase in financial investments was largely through paid up capital which contributes to 12.33% of total financial investment in Services Sector during the year, followed by long term loans.

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 ₹21,488 crores have been contributed by CPSEs in CSR. In FY 2021-22, 160 CPSEs contributed ₹4,600 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)

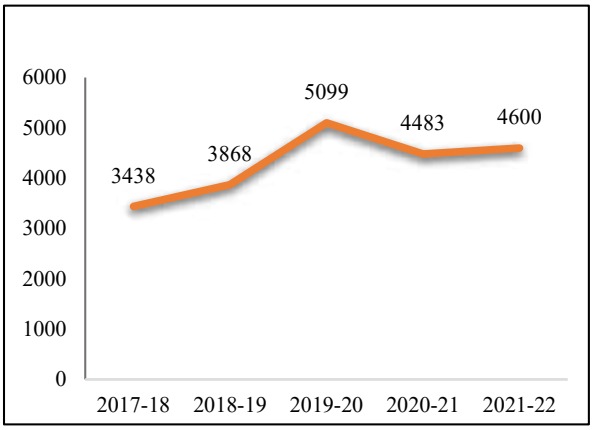
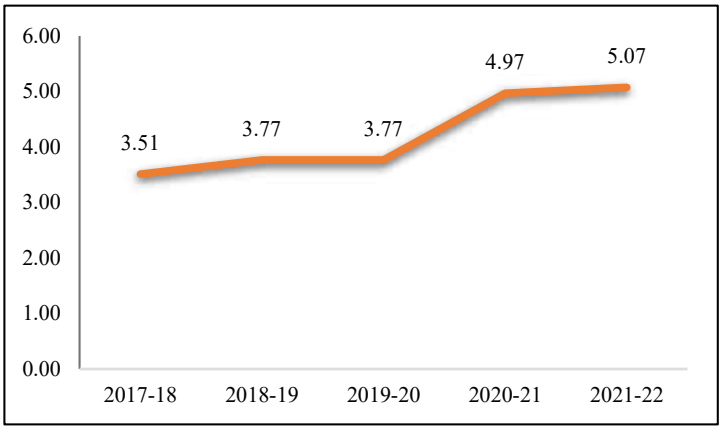
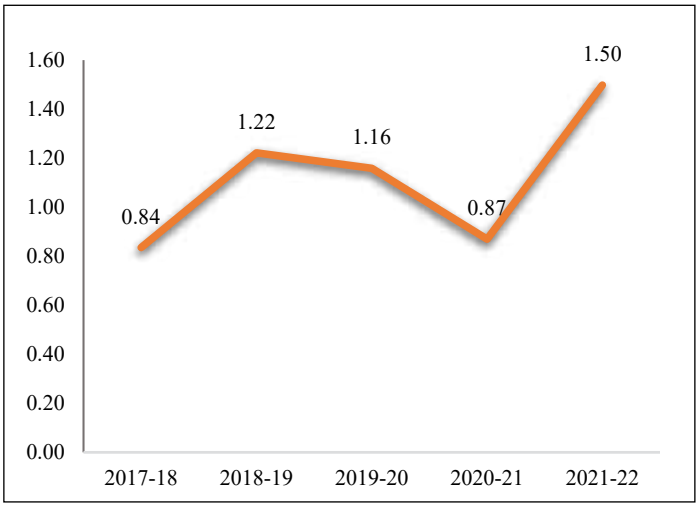


Figure 1.3: Contribution to Central Exchequer (₹ lakh crores)



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 ₹21.09 lakh crores has been contributed by CPSEs in the past 5 years. In FY 2021-22, CPSEs contributed ₹5.07 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 ₹5.59 lakh crores has been earned by CPSEs during the past 5 years. In FY 2021-22, CPSEs earned ₹1.50 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

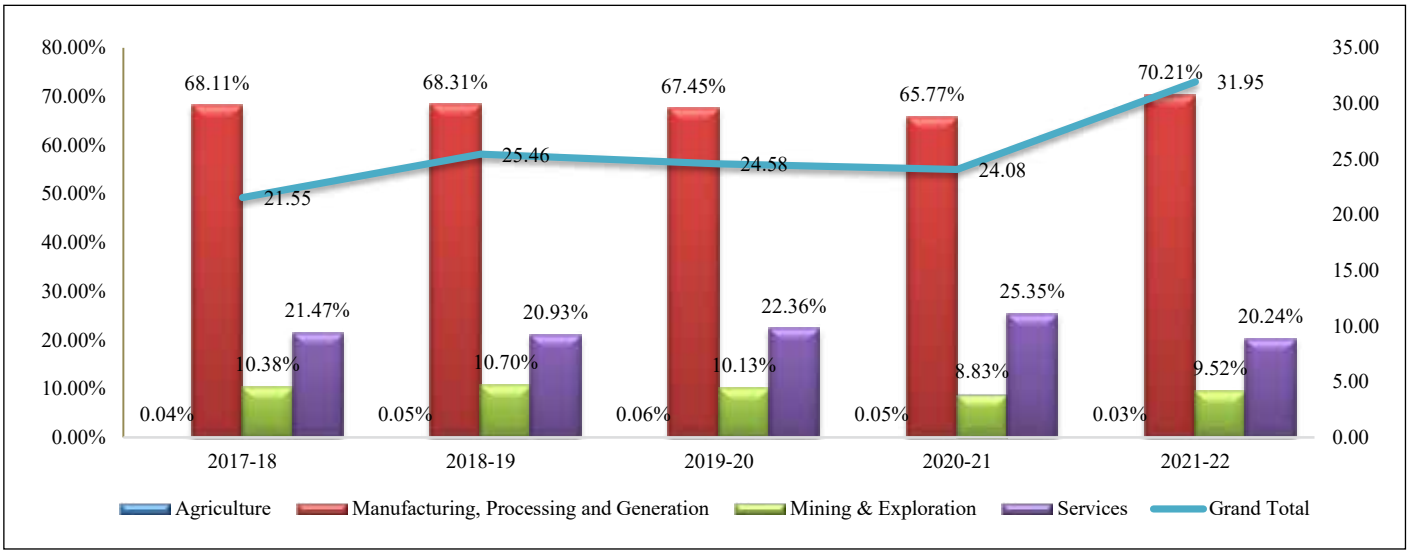
Chapter-2
Financial Snapshot

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

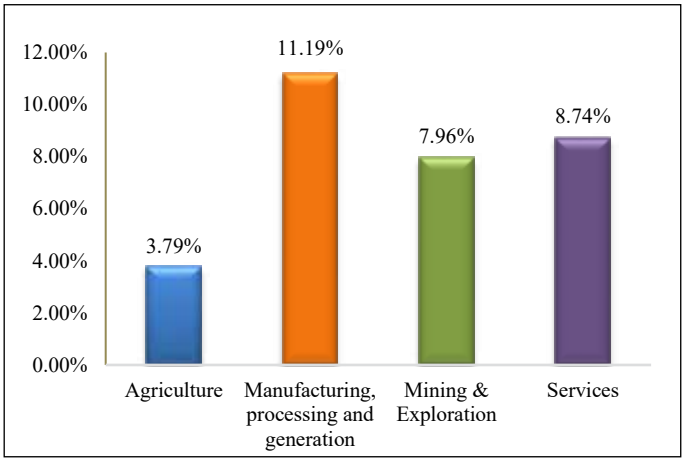
Gross Revenue of operating CPSEs increased from ₹21.55 Lakh crore in FY 2017-18 to ₹31.95 Lakh crore in FY 2021-22. As compared to FY 2020-21, the Gross Revenue in FY 2021-22 increased from ₹24.08 lakh crore to ₹31.95 lakh crore i.e, by 32.65%. Sector level analysis of Gross Revenue from operations and its share from FY 2017-18 to FY 2021-22 is provided in **Figure 2.1.**

Figure 2.1: CPSEs' Gross Revenue from operations and share of sectors during FYs 2017-18 to 2021-22 (₹lakh crore, %)



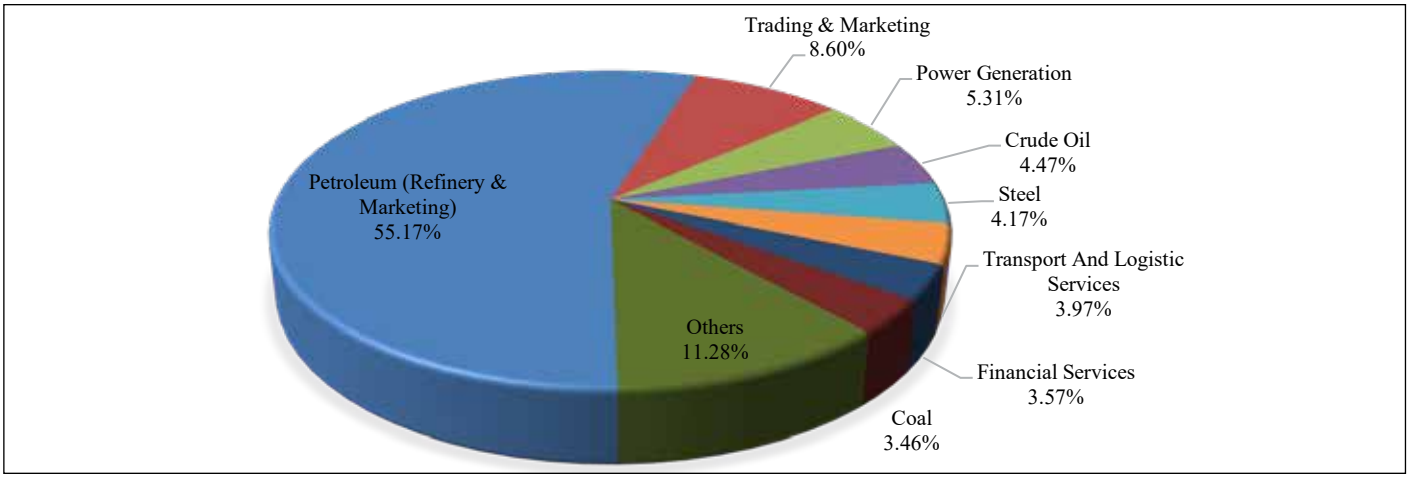
At the sector level, the Manufacturing, Processing & Generation sector accounted for the maximum share (70.21%) of Gross Revenue from operations in FY 2021-22, followed by Services (20.24%), Mining & Exploration (9.52%), and Agriculture (0.03%). During the five years period from 2017-18 to 2021-22, the percentage share of Services, Mining & Exploration and Agricuture sectors increased by 1.23%, 0.86% and 0.01% respectively. However Manufacturing, Processing & Generation declined by 2.10%.

Figure 2.2: Gross Revenue from operations –CAGR (FY 2017-18 to FY 2021-22)



During the past five years, the overall Gross Revenue grew at a CAGR of 10.35%. The corresponding growth in terms of CAGR for Agriculture at 3.79%, Manufacturing, Processing & Generation sector stands at 11.19%, Mining & Exploration at 7.96% and for the Services sector the CAGR is 8.74% **(Figure-2.2)**

Figure 2.2a: Gross Revenue from operations – cognate group-wise share, FY 2021-22 (%)



At the cognate group-level, the four cognate groups - Petroleum (Refinery & Marketing), Trading & Marketing, Power Generation, and Crude Oil accounting for 73.55% of the Gross Revenue in FY 2021-22. The Petroleum (Refinery & Marketing) cognate group formed the highest share among the cognate group accounting for 55.17% of the Gross Revenue from operations.The share of Gross Revenue across cognate groups is shown in **Figure 2.2a**

2.2 Net Profit/ Loss

The Net Profit of the operating CPSEs increased from ₹1.24 lakh crore in FY 2017-18 to ₹2.49 lakh crore in FY 2021-22, after a decline in FY 2019-20 at ₹0.93 Lakh crore **(Figure 2.3).** In FY2021-22, the contribution of Manufacturing, Processing & Generation sector was the highest at 42.44% followed by Mining & Exploration and Service sector at 35.29% & 22.29% respectively.

Figure 2.3: CPSEs' Net Profit/ Loss and share of sectors – FYs 2017-18 to-2021-22 (₹crore, %)

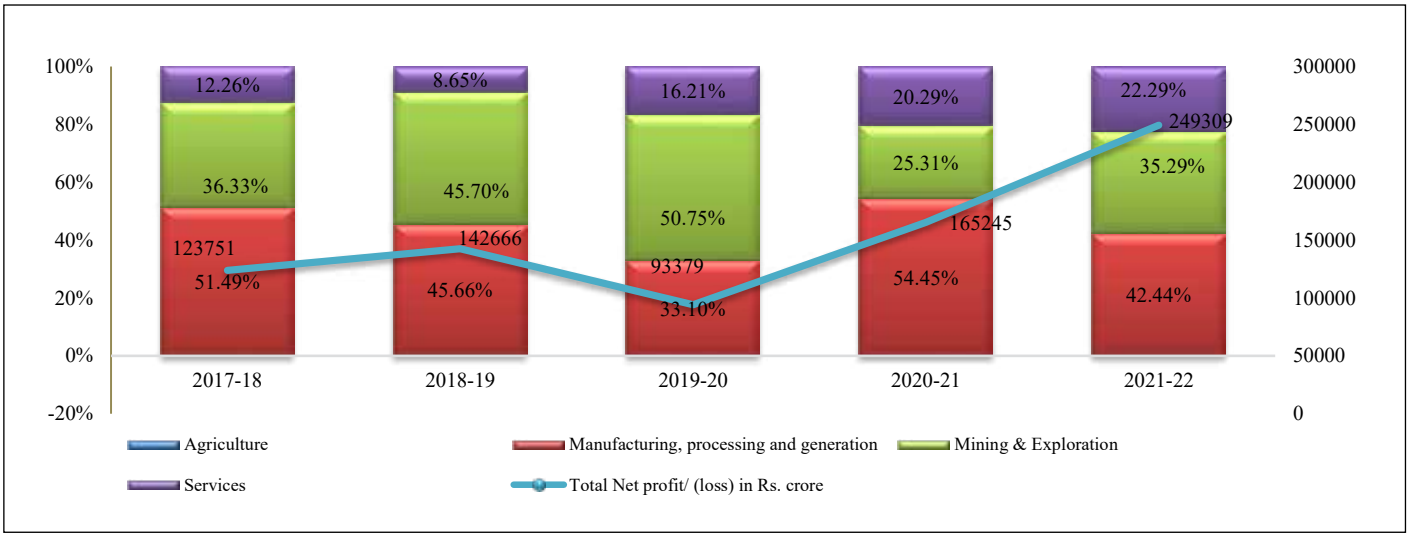


Table 2.1 shows that the aggregate Net Profit/Loss of the CPSEs in all sectors have improved in FY 2021-22 vis-a-vis FY 2020-21. In case of Agriculture Sector, the Net loss was declined by 27.63%. The Mining & Exploration sector shows increase in Net Profit by 110.37%, Manufacturing, Processing & Generation sector's Net Profit increased by 17.61% and that of Service by 65.73%. The increase of 110.37% year on year in Net Profit in Mining & Exploration is largely contributed by ONGC (258%), Western Coal Fields Ltd. (302%) , Hindustan Copper Ltd. (240%).

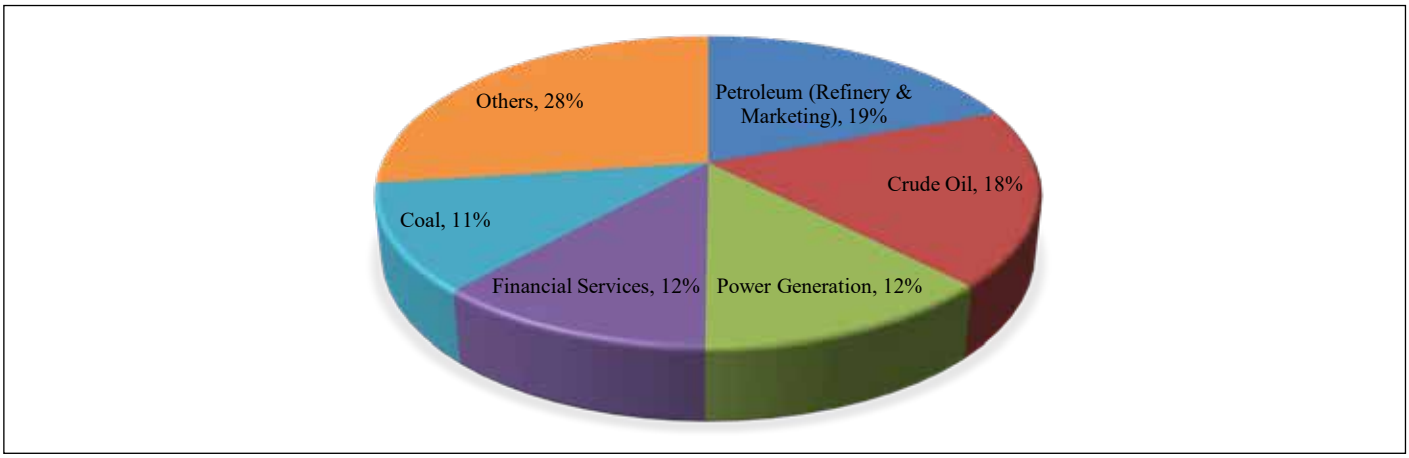
Table 2.1: Sector wise Aggregate Net Profit/Loss

Sector	2020-21 (₹crore)	2021-22 (₹ crore)	% Change
Agriculture	(77.64)	(56.19)	**27.63%***
Manufacturing, Processing And Generation	89,971.74	1,05,815.05	**17.61%**
Mining And Exploration	41,823.56	87,984.49	**110.37%**
Services	33,527.56	55,565.59	**65.73%**

**Net Loss declined by 27.63%*

An analysis at cognate group level shows that 17 out of the 20 cognate groups reported Net Profit in FY 2021-22 while the remaining 3 cognate groups reported Net Loss in FY 2021-22. Among the profit-making cognate groups **(Figure 2.4),** 5 cognate groups added 72% of the profits including, Petroleum (Refinery & Marketing) (19%), Crude Oil (18%), Power Generation (12%), Financial Services (12%) and Coal (11%).

Figure 2.4: Profit-Making Cognate Group



2.2.1 Profit-making CPSEs

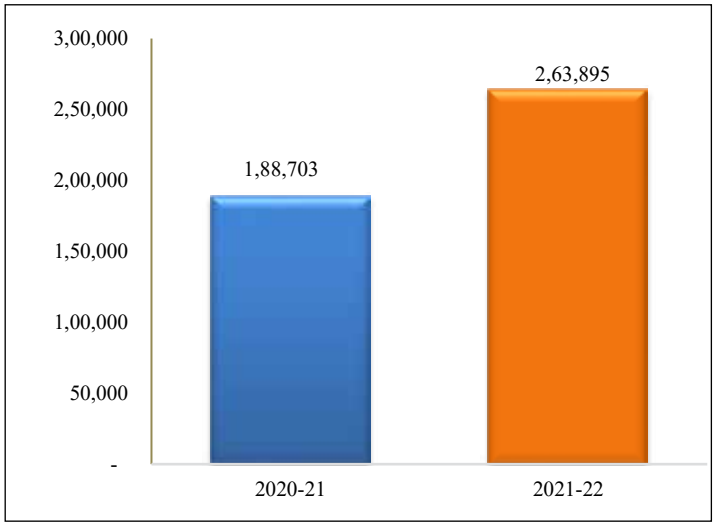


Figure 2.5: Aggregate Net Profit of profit-making CPSEs (₹crore)

The total Net Profit of profit-making CPSEs stood at ₹2.64 lakh crore in FY 2021-22, increased by ₹75,192 crore vis-a -vis FY 2020-21 **(Figure 2.5)**. Out of 248 operating CPSEs, 188 reported total Net Profit of ₹2.64 lakh crore and 59 reported Net Loss aggregating to ₹0.15 lakh crore. The CPSE, Food Corporation of India (FCI) 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 41.57% of aggregate Net Profit, and the top 10 accounted for 60.91% of the aggregate Net Profit in FY 2021-22 **(Table 2.2).** Oil & Natural Gas Corporation Ltd. contributed highest net profit amongst these top 10 CPSEs in FY 2021-22.

Table 2.2: Top 10 profit-making CPSEs in FY 2021-22

S.No.	CPSE	Net Profit (₹crore)	Share (%)
1	Oil & Natural Gas Corporation Ltd.	40,305.74	15.27%
2	Indian Oil Corporation Ltd.	24,184.10	9.16%
3	Power Grid Corporation Of India Ltd.	17,093.76	6.48%
4	NTPC Ltd.	16,111.42	6.11%
5	Steel Authority Of India Ltd.	12,015.04	4.55%
6	Coal India Ltd.	11,201.57	4.24%
7	GAIL (INDIA) Ltd.	10,363.97	3.93%
8	REC Ltd.	10,045.92	3.81%
9	Power Finance Corporation Ltd.	10,021.90	3.80%
10	NMDC Ltd.	9,398.48	3.56%
Total (1-10)		**1,60,742**	**60.91%**
Other CPSEs		**1,03,153**	**39.09%**
Profit of profit-making CPSEs		**2,63,895**	**100.00%**

2.2.3 CPSEs returned from loss to profit in FY 2021-22

As per **Table 2.3**, there are 22 CPSEs returned to profit from loss in FY 2021-22. These 22 CPSEs reported a total profit of ₹7,201.42 crores in FY 2021-22 in comparison to total loss of ₹8,098.83 crores in FY 2020-21 of which 8 CPSEs reported profit of more than ₹100 crores.

Table 2.3: CPSEs returned from loss to profit in FY 2021-22

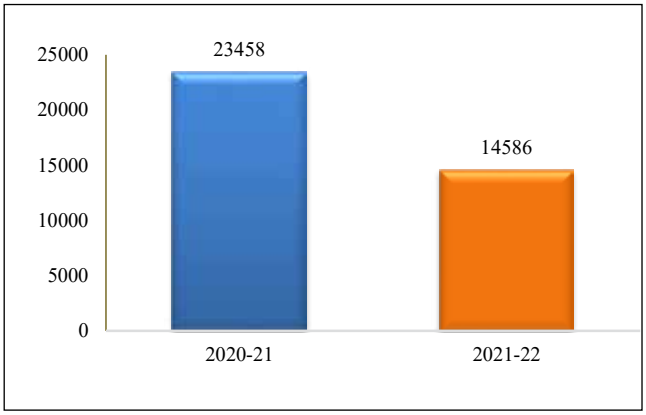
S. No.	CPSEs Name	2020-21	2021-22
		Net Profit/Loss (₹crore)	Net Profit/Loss (₹crore)
1	Mangalore Refinery & Petrochemicals Ltd.	-761.17	2,955.27
2	Rashtriya Ispat Nigam Ltd.	-1,012.16	913.19
3	Bharat Oman Refineries Limited,	-76.35	892.17
4	AI Engineering Services Ltd.	-16.73	837.12
5	HLL Biotech Ltd.	-32.00	547.34
6	Bharat Heavy Electricals Ltd.	-2,717.14	410.24
7	Konkan LNG Limited	-42.59	384.70
8	Bharat Coking Coal Ltd.	-1,202.48	111.62
9	Hindustan Shipyard Ltd.	-14.01	50.78
10	Central Transmission Utility Of India Ltd.	-0.03	40.03
11	AI Airport Services Ltd.	-190.03	15.33
12	Airports Authority Of India	-1,962.06	8.76
13	Indian Ports Global Ltd	-1.16	8.43
14	Powergrid NM Tranmission Ltd.	-37.05	7.51
15	India Tourism Dev. Corpn. Ltd.	-27.44	6.86

(Cont.)

S. No.	CPSEs Name	2020-21	2021-22
		Net Profit/Loss (₹crore)	Net Profit/Loss (₹crore)
16	Power Grid Khetri Transmission Ltd.	-0.04	5.96
17	HSRC Infra Services Ltd.	-0.21	1.91
18	NSIC Venture Capital Fund Ltd.	-0.61	1.90
19	NMDC CSR Foundation	-3.90	1.02
20	Power Grid Ajmer Phagi Transmission Ltd.	-0.01	0.91
21	SIDCUL Concor Infra Company Ltd.	-0.29	0.21
22	Pondicherry Ashok Hotel Corpn. Ltd.	-1.37	0.16
	Total	**-8,098.83**	**7,201.42**

2.1.4 Loss-making CPSEs

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



The aggregate loss of loss-making CPSEs was ₹14,586 crores in FY 2021-22 as against ₹23,458 crore in FY 2020-21. Aggregate loss of loss-making CPSEs narrowed by around ₹8,872 crores in the FY 2021-22 from the FY 2020-21 **(Figure 2.6)**. Out ot the total 59 loss making CPSEs, three CPSEs namely Bharat Sanchar Nigam Ltd. (₹6,981.62 crore), Mahanagar Telephone Nigam Ltd. (₹2,602.59) and Air India Assets Holding Ltd. (₹1,416.76) accounted for 75% of the aggregate loss during FY 2021-22.

2.1.5 Top 10 loss-making CPSEs

A Further analysis on Top-10 loss making CPSEs shows that during the period FY 2021-22, 93.65% of aggregate loss is incurred by these CPSEs and major loss is incurred by Bharat Sanchar Nigam Ltd. **(Table 2.4).**

Table 2.4: Top 10 loss-making CPSEs in FY 2021-22

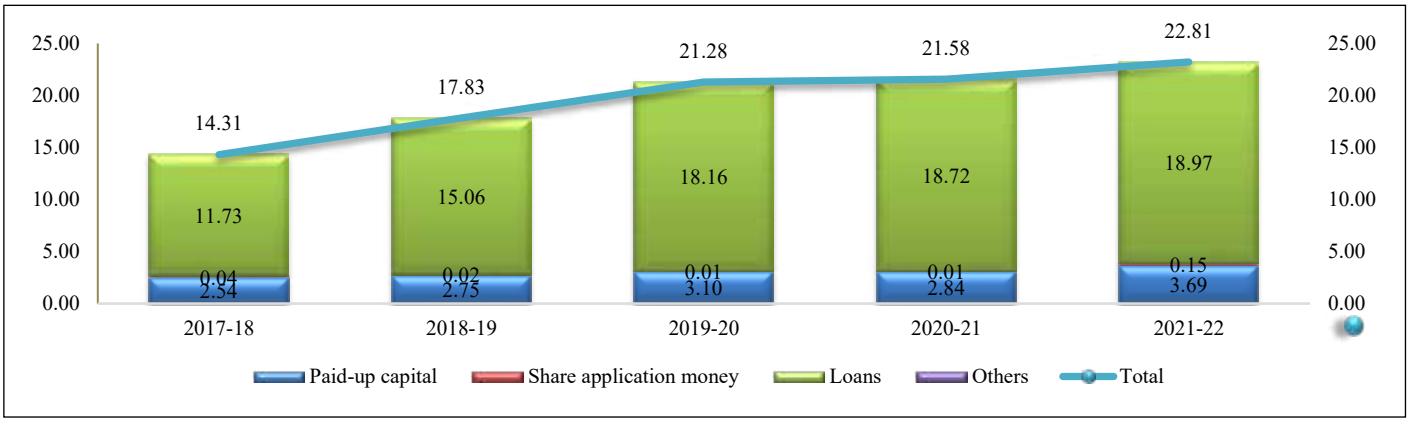
S. No.	CPSE	Net Loss (₹crore)	Share (%)
1	Bharat Sanchar Nigam Ltd.	-6,981.62	47.86%
2	Mahanagar Telephone Nigam Ltd.	-2,602.59	17.84%
3	Air India Assets Holding Ltd	-1,416.76	9.71%
4	Eastern Coalfields Ltd.	-1,060.66	7.27%
5	Alliance Air Aviation Ltd.	-447.76	3.07%
6	National Textile Corpn. Ltd.	-305.86	2.10%
7	Heavy Engineering Corpn. Ltd.	-256.07	1.76%
8	M M T C LTD.	-241.93	1.66%
9	Ratnagiri Gas & Power Pvt. Ltd.	-201.23	1.38%
10	HMT Machine Tools Ltd.	-145.73	1.00%
Total (1-10)		**-13660.21**	**93.65%**
Other CPSEs (59 Nos.)		**-925.99**	**6.35%**
Aggregate loss of loss-making CPSEs		**-14586.20**	**100%**

(Cont.)

2.3 Financial Investment

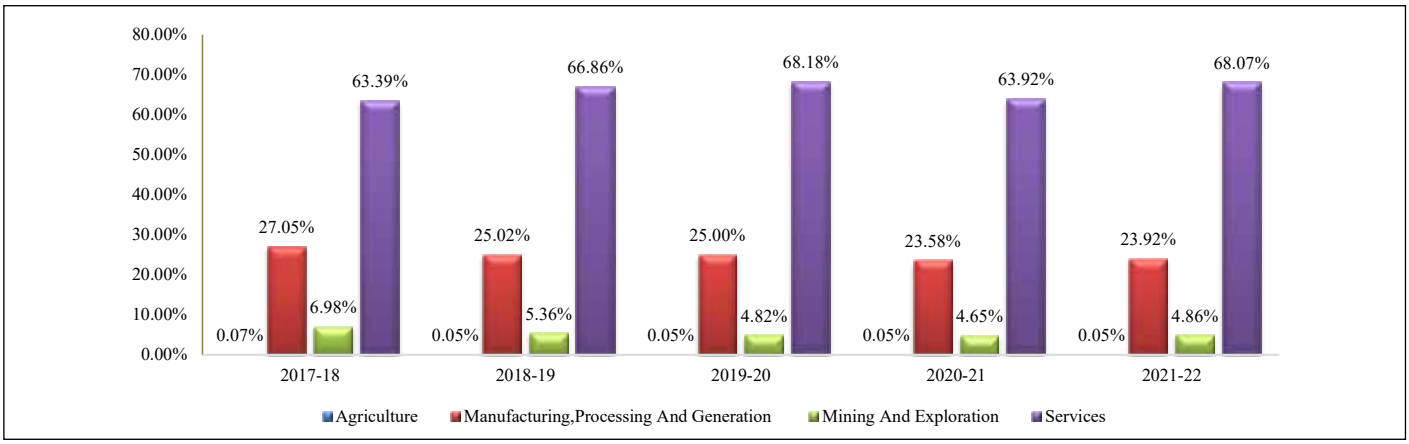
The Financial Investments in CPSEs increased from ₹14.31 lakh crore in FY 2017-18 to ₹22.81 lakh crore in FY 2021-22 (CAGR 12.36%) **(Figure 2.7)**. Between FYs 2017-18 and 2021-22, the aggregate Financial Investments increased by ₹8.50 lakh crore, supported by an increase of ₹1.15 lakh crore in paid up capital and an increase of ₹7.24 lakh crore in long-term loans. Total long-term loans of CPSEs increased from ₹11.73 lakh crores in FY 2017-18 to ₹18.97 lakh crore in FY 2021-22.

Figure 2.7: Investments in CPSEs during FY 2017-18 to-2021-22 (₹lakh cr.)



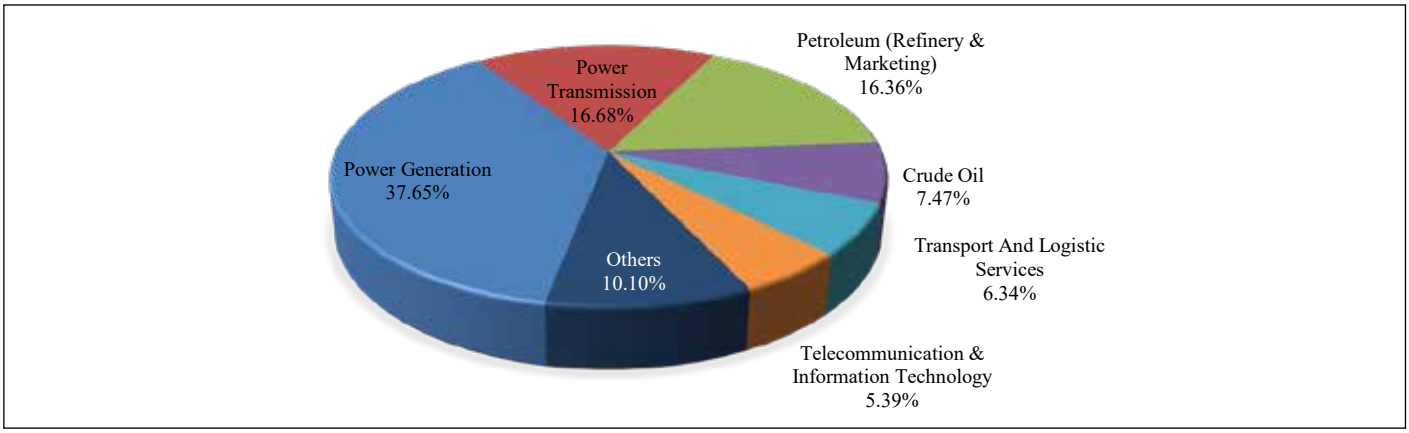
In FY 2021-22, Services sector has the highest share in Financial Investments accounting for 68.07% followed by Manufacturing, Processing and Generation (23.92%), Mining & Exploration (4.86%) and Agriculture (0.05%) as shown in **Figure 2.8**.

Figure 2.8: Sector-wise break-up of Financial Investment during FY 2017-18 to FY 2021-22



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 2021-22 (%, excluding Financial Services)

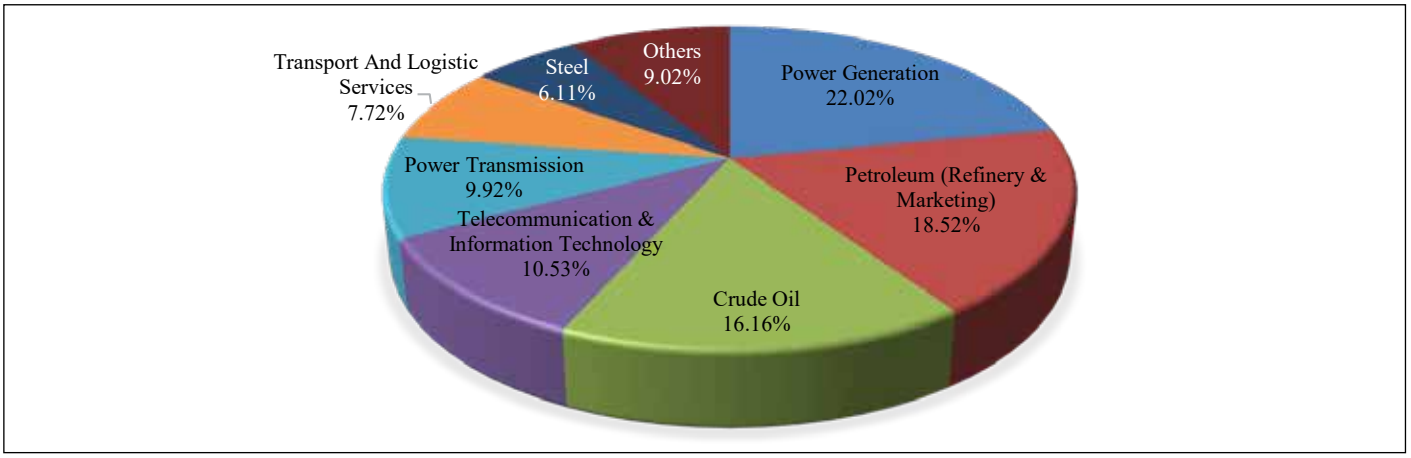


The **Figure 2.9** shows the breakup of long terms loans (Excluding Financial Services) which accounted for bulk of debt. As per the analysis, 37.65% of the debt is from Power Generation followed by Power Transmission (16.68%) and Petroleum (Refinery & Marketing) (16.36%).

2.4 Gross Block

Key capital-intensive cognate groups account for major share of the Gross Block; increase in the Gross Block was ₹2.14 lakh crore in FY 2021-22 over previous FY 2020-21.

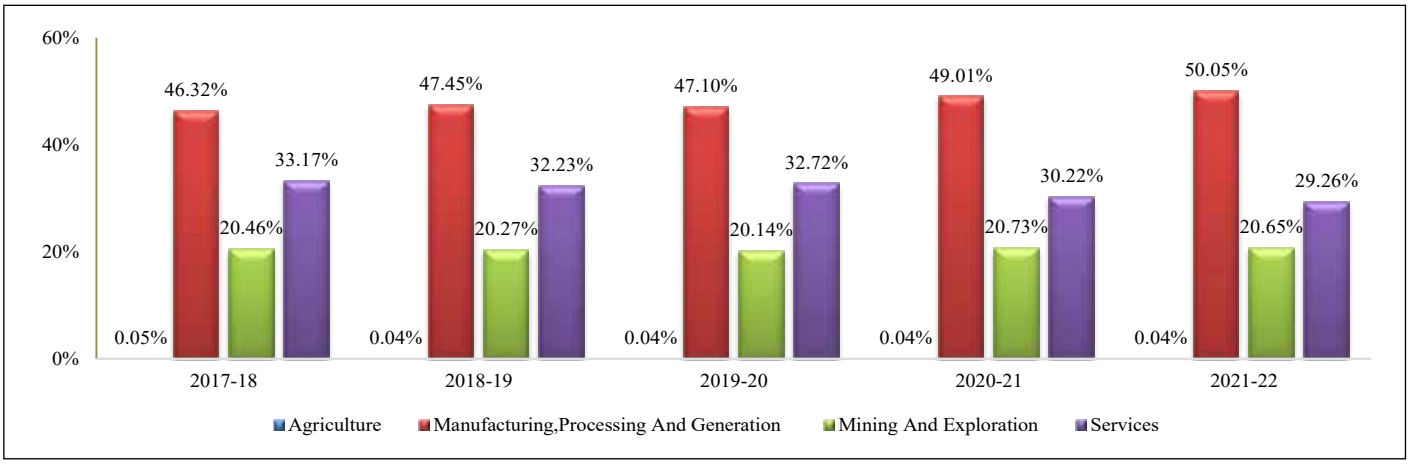
Figure 2.10: Cognate group-wise share in Gross Block as of end of FY 2021-22



Total Gross Block of assets of operating CPSEs stood at ₹27.36 lakh crore as of FY 2021-22. Power Generation, Petroleum (Refinery & Marketing) and Crude Oil cognate groups covered almost 56.70% of Gross Block of FY 2021-22 **(Figure 2.10)**.

Total Gross Block increased by ₹2.14 lakh crore in FY 2021-22 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 (25.62% of the overall increase), followed by Petroleum (Refinery & Marketing) cognate group (23.09%), and Crude Oil (13.27%). Among sectors, Manufacturing, Processing and Generation sector had the highest Gross Block at 50.05% of operating CPSEs as of FY 2021-22 followed by Services (29.26%), Mining & Exploration (20.65%), and Agriculture (0.04%) **(Figure 2.11).**

Figure 2.11: Sector-wise break-up of Gross Block during FY 2017-18 to FY 2021-22



2.5 Contribution to Central Exchequer

CPSEs Contribution to Central Exchequer remains an important source of development financing for the Government which stood at ₹5.07 lakh crore. CPSEs contribute to the Government income in the form of corporate taxes, dividends, excise duties and sales tax. As seen in **Figure 2.12,** the CPSEs' Contribution to Central Exchequer grew from ₹3.79 lakh crore in FY 2019-20 to ₹5.07 lakh crore in FY 2021-22. The Petroleum (Refinery & Marketing) cognate group held the maximum share at 67% in the contribution of CPSEs to the central exchequer in FY 2021-22 **(Figure 2.13).** This is followed by Coal, Crude Oil, Steel and Power Generation cognate groups.

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

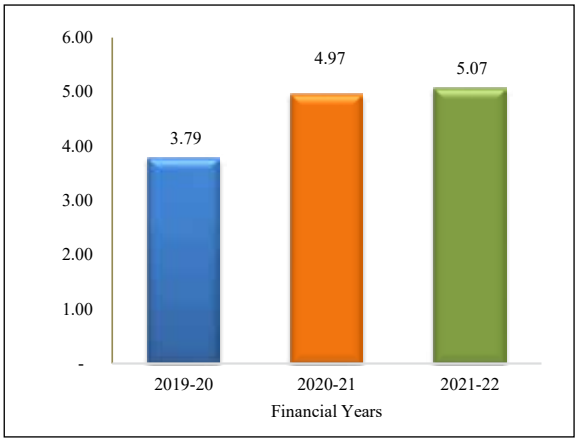
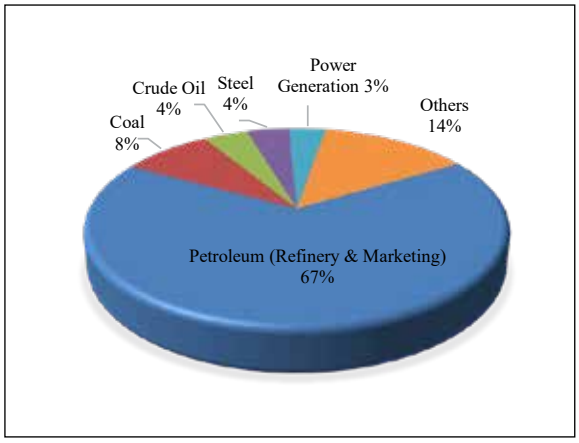


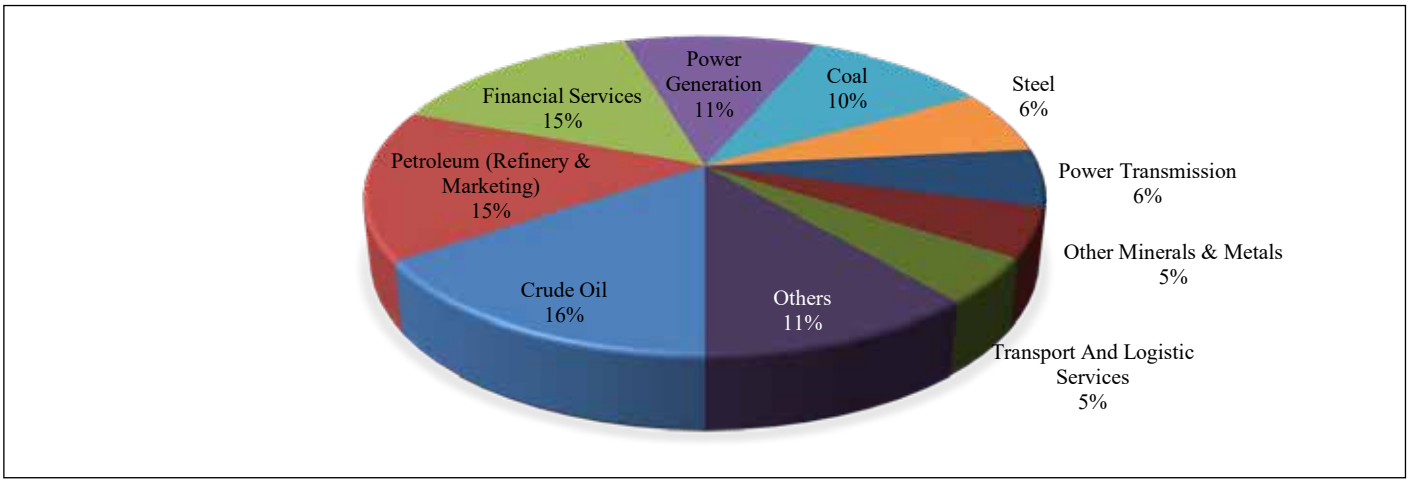
Figure 2.13 : Cognate Group wise contribution to Central Exchequer



2.6 Value Addition by CPSEs

Total Value Addition by all CPSEs stood at ₹7.61 lakh crore in FY 2021-22 as against ₹6.37 lakh crore in FY 2020-21, an increase of 19.50% year-on-year.

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 16% followed by Petroleum (Refinery & Marketing) at 15%, Financial Services at 15%, Power Generation at 11% Coal at 10%, Steel & Power Transmission at 6% each. The share of Value Addition across various cognate groups for the FY 2021-22 is provided in **Figure 2.14.**

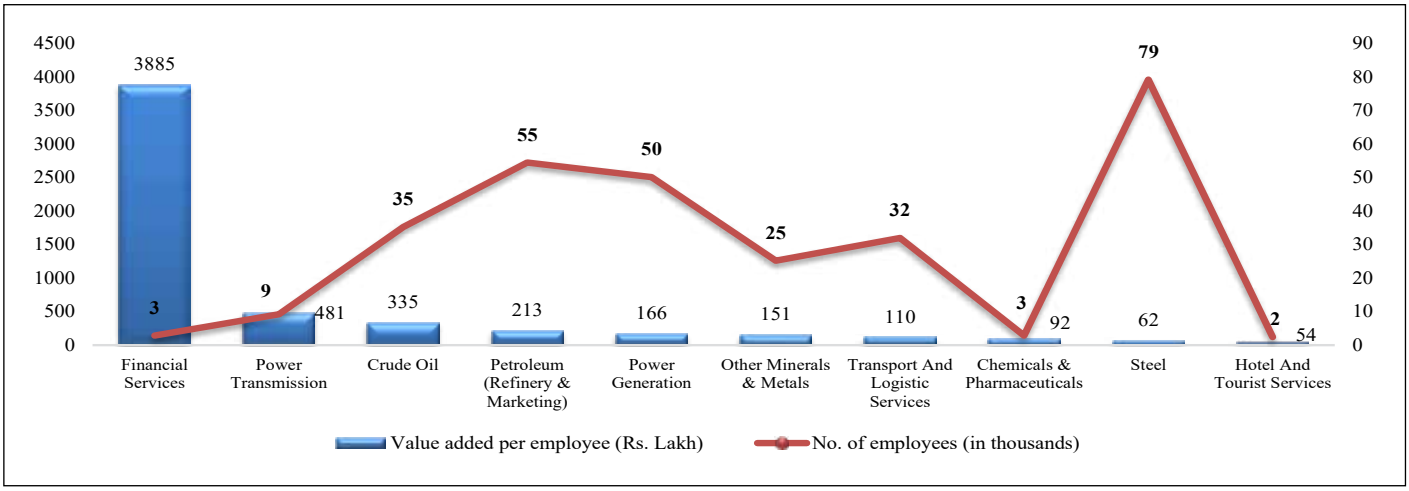
In terms of components of Value Addition generated by the CPSEs in FY 2021-22, the share of PBT was the highest at 41%. This was followed by Salary & Wages (20%), Interest (16%), Depreciation, Depletion and Amortization (14%), Rent, Royalty & Cess (8%) and Impairment (1%) **(Table 2.5)**

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

S.No.	Value Addition	2019-20	2020-21	2021-22
1	Profit before Tax (PBT)	1,43,327	2,14,395	3,09,322
2	Interest	95,559	1,39,291	1,24,077
3	Salaries & wages	1,52,726	1,44,655	1,54,508
4	Rent, royalty & cess	37,907	32,763	59,713
5	Depreciation, Depletion & Amortization	92,934	98,336	1,05,494
6	Impairment	6,759	7,150	7,588
Total		**5,29,211**	**6,36,591**	**7,60,703**

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.**

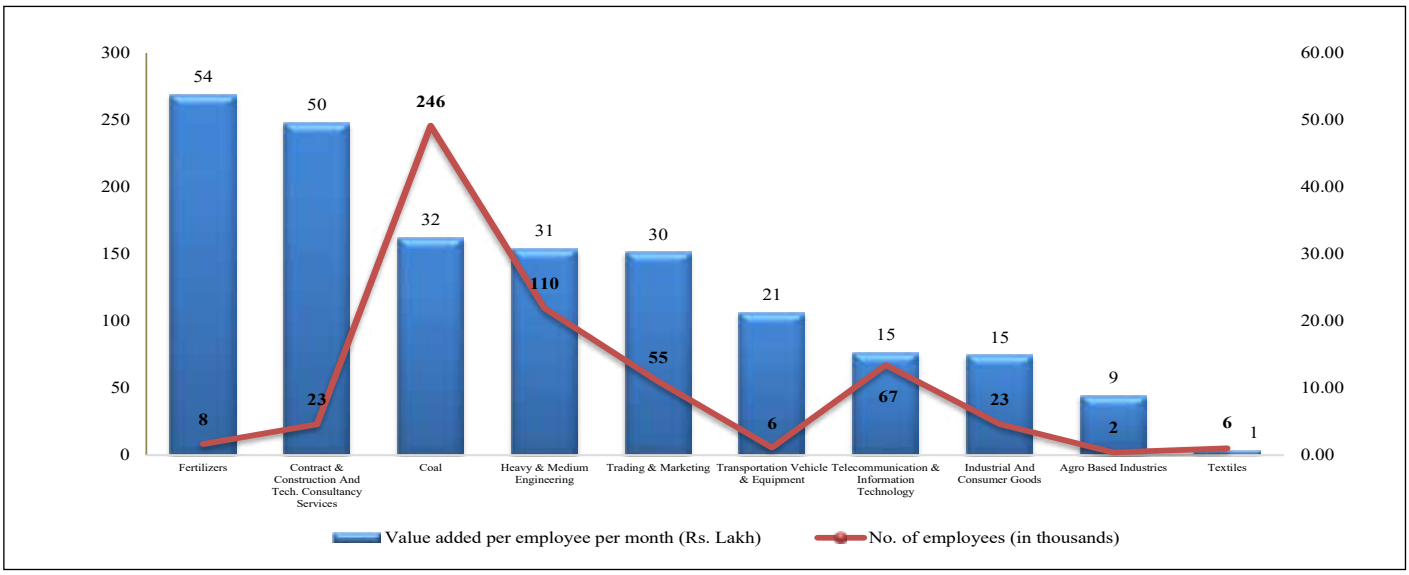
Figure 2.15: Top 10 cognate groups by Value Added per employee in FY 2021-22 (₹ lakh)



10 cognate groups contributed to 93% of the total Value Added. This includes Crude Oil, Petroleum (Refinery & Marketing), Financial Services, Power Generation and Coal.

The Value Added per employee and the level of employment varies across cognate groups. As seen in **Figure 2.15**, Financial Services added the maximum Value Added per employee followed by Power Transmission, Crude Oil, Petroleum (Refinery & Marketing), Power Generation, Other Minerals & Metals and Transport and Logistic Services. Chemicals & Pharmaceuticals, Steel, Hotel And Tourist Services, Fertilizers, etc lie in the middle range of Value Added per employee and the employment generated. On the far end of this spectrum, cognate groups like Agro-Based Industries and Textiles reflect a lower Value Added per employee **(Figure 2.16).**

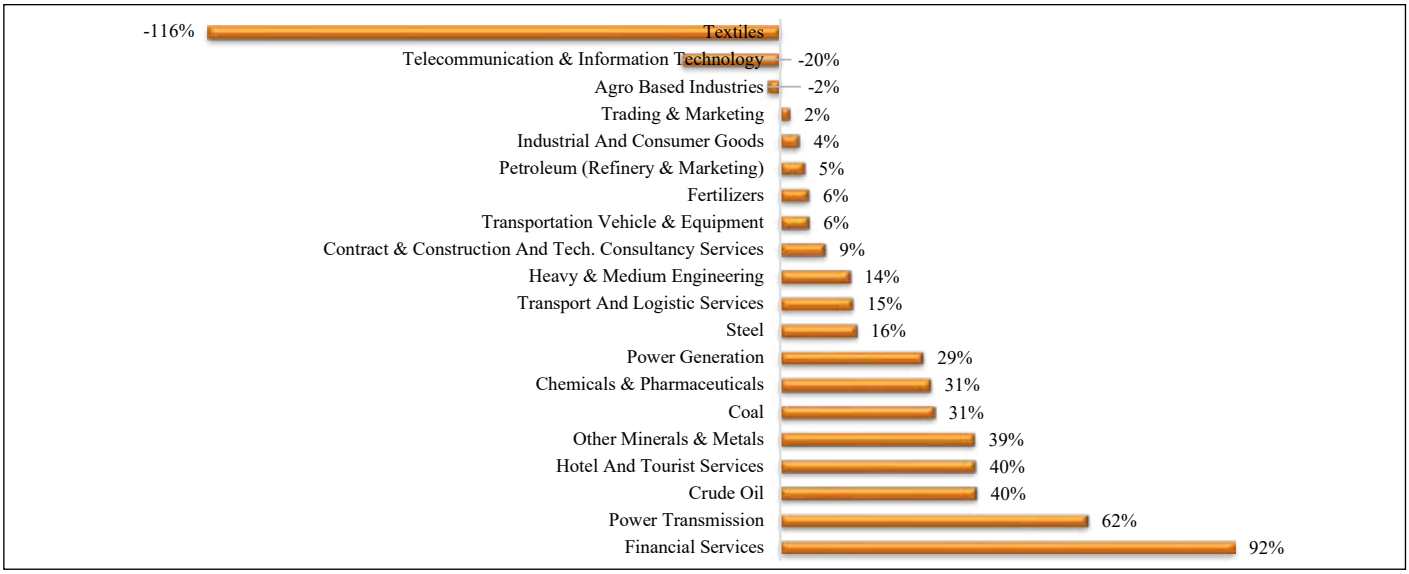
Figure 2.16: Other cognate groups by Value Added per employee in FY 2021-22 (₹lakh)



2.7 Operating Margin

The Operating Margin for the cognate groups ranged between -116% (Textiles) to 92% (Financial Services) in Financial Year 2021-22 **(Figure 2.17)**. The cognate groups having higher Operating Profit Margin are Financial Services, Power Transmission, Crude Oil, Hotel and Tourist Services, Other Minerals & Metals, Coal, Chemical and Pharmaceuticals, Power Generation. The cognate group of Textiles, Telecommunication & Information Technology and Agro-Based Industries have negative operating margins.

Figure 2.17: Operating Margin – cognate group-wise, FY 2021-22 (%)



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 ₹1,49,816.66 crores during FY 2021-22 as against ₹87,021.70 crores during FY 2020-21 showing a growth of 72.16 %. 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 (%)	
		2019-20	2020-21	2021-22	2020-21	2021-22
1	Mangalore Refinery & Petrochemicals Ltd.	16,557.12	8,662.63	31,012.27	-47.68	258.00
2	Indian Oil Corporation Ltd.	18,591.33	10,877.55	22,100.07	-41.49	103.17
3	Gail (India) Ltd.	13,078.00	14,406.83	20,325.51	10.16	41.08
4	ONGC Videsh Ltd.	13,398.79	10,950.72	16,046.88	-18.27	46.54
5	Bharat Petroleum Corpn. Ltd.	15,167.55	6,615.55	14,830.89	-56.38	124.18
6	Hindustan Petroleum Corpn. Ltd.	8,405.14	3,452.13	8,159.61	-58.93	136.36
7	Steel Authority Of India Ltd.	3,619.68	6,109.57	6,988.42	68.79	14.38
8	National Aluminium Company Ltd.	3,442.97	5,060.72	6,404.24	46.99	26.55
9	Rashtriya Ispat Nigam Ltd.	1,486.53	4,100.72	5,709.62	175.86	39.23
10	Shipping Corporation Of India Ltd.	4,500.52	3,891.24	4,982.68	-13.54	28.05
11	Kiocl Ltd.	1,574.13	1,846.06	2,928.97	17.27	58.66
12	Bharat Heavy Electricals Ltd.	3,879.73	1,742.67	2,476.83	-55.08	42.13
13	NTPC Vidyut Vyapar Nigam Ltd.	2,052.15	1,491.77	1,241.71	-27.31	-16.76
14	RITES Ltd.	633.40	172.08	1,048.54	-72.83	509.33
	Total	**1,06,387.04**	**79,380.24**	**1,44,256.24**	**-25.39%**	**81.73%**
	% Share w.r.t Grand Total	**91.84%**	**91.22%**	**96.29%**		
	Grand Total (Foreign Exchange Earnings of All CPSEs)	**1,15,835.57**	**87,021.70**	**1,49,816.66**	**-24.87%**	**72.16%**

(Cont.)

Table 2.6 shows the data of 14 CPSEs with Gross Foreign Exchange Earnings of more than ₹1,000 crores during FY 2021-22. Gross Foreign Exchange Earnings of these 14 CPSEs stood at ₹1,44,256.24 crores and constituted 96.29% of Gross Foreign Exchange Earnings of all CPSEs.

The comparative analysis of these 14 CPSEs shows that, in FY 2021-22, these CPSEs have contributed a growth in Foreign Exchange Earnings to the extent of 81.73% in comparison to Foreign Exchange losses to the extent of 25.39% in FY 2020-21. The substantial increase in Foreign Exchange Earnings in case of Mangalore Refinery & Petrochemicals Ltd. and RITES Ltd. are attributed to increase in exports, consultancy to foreign countries, rise in product prices and currency, etc.

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 increased in FY 2021-22 to 93.24% as against FY 2020-21 at 89.81%. The share of 'Royalty, Know-how, Professional and Consultancy fees' has gone down in FY 2021-22 as against FY 2020-21. The achievement of Foreign Exchange Earnings for the last three years is shown in **Table 2.7**.

Table 2.7: Foreign Exchange earnings for three years

S. No.	CPSE	Gross Foreign Exchange Earnings (₹Crore)			Change over the previous year (%)	
		2019-20	2020-21	2021-22	2020-21	2021-22
(i)	Export of Goods on FOB basis	95,506.46 (82.45)	78,151.45 (89.81)	1,39,696.14 (93.24)	-18.17	78.75
(ii)	Royalty, Know-how, Professional and Consultancy fee	1,842.17 (1.59)	965.51 (1.11)	523.37 (0.35)	-47.59	-45.79
(iii)	Interest and Dividend	933.17 (0.81)	1,137.14 (1.31)	1,627.95 (1.09)	21.86	43.16
(iv)	Other Income	17,553.77 (15.15)	6,767.60 (7.78)	7,969.20 (5.32)	-61.45	17.76
	Grand Total	**1,15,835.57 (100)**	**87,021.70 (100)**	**1,49,816.66 (100)**	**-24.87**	**72.16**

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

2.9 Foreign Exchange Expenditure

The total Foreign Exchange Expenditure is ₹7,93,713.81 crores during FY 2021-22 as against ₹4,78,771.60 crores during FY 2020-21 showing an increase of 65.78 %. **Table 2.8** shows a list of 27 CPSEs with Gross Foreign Exchange Expenditure of more than ₹1,000 Crore during FY 2021-22. Gross Foreign Exchange Expenditure of these 27 CPSEs stood at ₹7,84,195.34 Crores and constituted 98.80% 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 (%)	
		2019-20	2020-21	2021-22	2020-21	2021-22
1	Indian Oil Corporation Ltd.	2,40,438.83	1,72,717.83	3,16,301.89	-28.17	83.13
2	Bharat Petroleum Corpn. Ltd.	1,10,194.67	75,768.42	1,44,088.81	-31.24	90.17
3	Mangalore Refinery & Petrochemicals Ltd.	31,867.58	25,933.64	48,459.95	-18.62	86.86
4	Gail (India) Ltd.	26,484.00	27,238.20	46,842.74	2.85	71.97
5	Hindustan Petroleum Corpn. Ltd.	46,538.10	30,693.52	40,773.50	-34.05	32.84
6	Chennai Petroleum Corporation Ltd.	284.68	15,424.48	31,908.01	5,318.18	106.87

(Cont.)

S. No.	CPSE	Gross Foreign Exchange Expenditures (₹Crore)			Change over the previous year (%)	
		2019-20	2020-21	2021-22	2020-21	2021-22
7	Bharat Oman Refineries Limited,	-	14,655.80	31,022.06	-	111.67
8	Steel Authority Of India Ltd.	22,873.91	16,670.85	30,265.82	-27.12	81.55
9	Oil & Natural Gas Corporation Ltd.	20,230.12	23,655.80	18,122.84	16.93	-23.39
10	ONGC Videsh Ltd.	12,801.49	6,520.46	11,248.13	-49.06	72.51
11	Nuclear Power Corpn. Of India Ltd.	6,860.01	4,216.36	10,880.75	-38.54	158.06
12	Rashtriya Ispat Nigam Ltd.	6,066.94	4,157.78	9,507.12	-31.47	128.66
13	M M T C Ltd.	18,458.27	19,558.26	6,689.21	5.96	-65.80
14	Hindustan Aeronautics Ltd.	7,296.00	7,315.30	6,655.29	0.26	-9.02
15	National Fertilizers Ltd.	2,235.05	1,744.14	4,096.80	-21.96	134.89
16	Shipping Corporation Of India Ltd.	4,422.90	2,810.35	4,048.50	-36.46	44.06
17	Bharat Electronics Ltd.	2,771.04	4,414.51	3,659.20	59.31	-17.11
18	Rashtriya Chemicals And Fertilizers Ltd.	1,412.92	1,065.58	3,047.10	-24.58	185.96
19	NTPC Ltd.	3,561.36	2,880.33	2,981.00	-19.12	3.50
20	REC Ltd.	7,078.40	1,639.60	2,094.97	-76.84	27.77
21	Bharat Heavy Electricals Ltd.	4,079.88	1,598.29	1,886.12	-60.83	18.01
22	Power Finance Corporation Ltd.	6,422.40	1,739.25	1,824.19	-72.92	4.88
23	Mazagon Dock Shipbuilders Ltd.	1,461.84	441.93	1,747.91	-69.77	295.52
24	Fertilizers & Chemicals (Travancore) Ltd.	944.78	1,559.48	1,702.21	65.06	9.15
25	Dedicated Fright Corridor Corp. Of India Ltd.	1,301.66	1,216.52	1,544.14	-6.54	26.93
26	Oil India Ltd.	-	1,295.76	1,434.31	-	10.69
27	Indian Railway Finance Corporation Ltd.	496.30	1,050.09	1,362.77	111.58	29.78
	Total	**5,86,583.13**	**4,67,982.53**	**7,84,195.34**	**-20.22**	**67.57**
	% Share w.r.t Grand Total	**97.30%**	**97.75%**	**98.80%**		
	Grand Total (Foreign exchange Expenditure of All CPSEs)	**6,02,874.99**	**4,78,771.60**	**7,93,713.81**	**-20.59**	**65.78**

As per **Table 2.8**, out of 27 CPSEs, 4 CPSEs have shown reduction in their Gross Foreign Exchange Expenditure during FY 2021-22 as compared to FY 2020-21. 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 (FY 2019-20, FY 2020-21 and FY 2021-22)

S. No.	CPSE	Foreign Exchange Expenditures (₹Crore)			Change over the previous year (%)	
		2019-20	2020-21	2021-22	2020-21	2021-22
(a)	**Imports (CIF Basis)**					
(i)	Raw materials/Crude oil	4,65,152.73 (94.72)	3,59,096.81 (94.88)	6,33,431.50 (95.49)	-22.8	76.4
(ii)	Stores, Spares & Components	16,579.75 (3.38)	11,974.84 (3.16)	17,832 (2.69)	-27.77	48.91

(Cont.)

S. No.	CPSE	Foreign Exchange Expenditures (₹Crore)			Change over the previous year (%)	
		2019-20	2020-21	2021-22	2020-21	2021-22
(iii)	Capital Goods	9,332.05 (1.9)	7,413.14 (1.96)	12,078.21 (1.82)	-20.56	62.93
	Sub Total (a)	**4,91,064.53 (81.45)**	**3,78,484.79 (79.05)**	**6,63,341.71 (83.57)**	**-22.93**	**75.26**
(b)	**Expenditure on account of :**					
(i)	Royalty and Consultancy fee	23,803.06 (21.29)	27,827.17 (27.75)	5,784.72 (4.44)	16.91	-79.21
(ii)	Interest payment	17,323.23 (15.49)	12,774.67 (12.74)	11,832.22 (9.08)	-26.26	-7.38
(iii)	Others	70,634.55 (63.17)	59,684.97 (59.51)	1,12,755.16 (86.49)	-15.5	88.92
(iv)	Dividend remitted in Foreign Currency	49.62 (0.04)	0 (0)	0 (0)	-100	NA
	Sub Total (b)	**1,11,810.46 (18.55)**	**1,00,286.81 (20.95)**	**1,30,372.10 (16.43)**	**-10.31**	**30**
	Grand Total (a + b)	**6,02,874.99 (100)**	**4,78,771.60 (100)**	**7,93,713.81 (100)**	**-20.59**	**65.78**

** 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 2019-20 to FY 2021-22.

2.10 Market Capitalization of Listed CPSEs

As of March 31, 2022, 62 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 steep 27% growth year-on-year to ₹15.46 lakh crore as of March 31, 2022 from ₹12.19 lakh crore as of March 31, 2021. **(Table 2.10).**

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

S.No	Company	March 31, 2021 Price (₹)	March 31, 2021 M-Cap (₹crore)	March 31, 2022 Price (₹)	March 31, 2022 M-Cap (₹crore)	% increase/ decrease in M-Cap
1	Andrew Yule & Company Ltd.	19.75	965.68	20.20	987.68	2%
2	Balmer Lawrie & Co. Ltd.	128.95	2,205.09	112.75	1,928.07	-13%
3	Balmer Lawrie Investments Ltd.	467.80	1,038.39	369.40	819.97	-21%
4	BEML Ltd.	1,255.35	5,227.84	1,817.15	7,567.43	45%
5	Bharat Dynamics Ltd.	332.60	6,095.93	546.60	10,018.15	64%
6	Bharat Electronics Ltd.	125.10	30,481.78	210.85	51,375.56	69%
7	Bharat Heavy Electricals Ltd.	48.75	16,975.06	49.35	17,183.98	1%
8	Bharat Immunologicals & Biologicals Corp. Ltd.	45.50	196.47	28.10	121.34	-38%
9	Bharat Petroleum Corpn. Ltd.	427.95	92,833.17	359.20	77,919.56	-16%
10	Chennai Petroleum Corporation Ltd.	100.10	1,490.60	127.70	1,901.60	28%
11	Coal India Ltd.	130.40	80,944.62	183.00	1,12,777.93	39%

(Cont.)

S.No	Company	March 31, 2021 Price (₹)	March 31, 2021 M-Cap (₹crore)	March 31, 2022 Price (₹)	March 31, 2022 M-Cap (₹crore)	% increase/ decrease in M-Cap
12	Cochin Shipyard Ltd.	375.30	4,936.71	293.95	3,866.63	-22%
13	Container Corporation Of India Ltd.	597.25	36,390.10	672.40	40,968.95	13%
14	Engineers India Ltd.	77.05	4,330.54	64.00	3,597.07	-17%
15	Fertilizers & Chemicals (Travancore) Ltd.	109.70	3,804.09	131.05	8,479.88	123%
16	Gail (India) Ltd.	135.55	60,189.42	155.70	69,136.80	15%
17	Garden Reach Shipbuilders & Engineers Ltd.	185.00	2,119.21	226.35	2,592.88	22%
18	Hemisphere Properties India Ltd.	137.20	3,910.20	114.35	3,258.98	-17%
19	Hindustan Aeronautics Ltd.	994.85	33,266.54	1,487.10	49,726.77	49%
20	Hindustan Copper Ltd.	119.50	11,056.36	113.65	10,990.23	-1%
21	Hindustan Fluorocarbons Limited	7.54	14.78	9.57	18.76	27%
22	Hindustan Organic Chemicals Ltd.	39.65	266.34	27.95	187.75	-30%
23	Hindustan Petroleum Corpn. Ltd.	234.55	34,257.72	269.35	38,208.60	12%
24	Hmt Ltd.	30.70	2,326.60	25.95	1,221.39	-48%
25	Housing & Urban Dev. Corpn. Ltd.	43.90	8,788.34	32.70	6,546.21	-26%
26	I T I Ltd.	115.10	10,744.85	96.70	9,027.17	-16%
27	India Tourism Dev. Corpn. Ltd.	384.05	3,293.97	379.05	3,251.09	-1%
28	Indian Oil Corporation Ltd.	91.80	86,421.98	118.95	1,11,981.42	30%
29	Indian Railway Catering And Tourism Corpn. Ltd.	1,756.20	28,099.20	774.60	61,968.00	121%
30	Indian Railway Finance Corporation Ltd.	22.95	29,992.22	21.45	28,031.95	-7%
31	Ircon International Ltd.	88.35	4,154.73	39.75	3,738.55	-10%
32	KIOCL Ltd.	143.65	8,730.34	208.20	12,653.38	45%
33	M M T C Ltd.	42.40	6,360.00	44.15	6,622.50	4%
34	M S T C Ltd.	298.45	2,101.09	306.30	2,156.35	3%
35	Madras Fertilizers Ltd.	25.30	407.59	49.55	798.26	96%
36	Mahanagar Telephone Nigam Ltd.	18.81	1,185.03	22.55	1,420.65	20%
37	Mangalore Refinery & Petrochemicals Ltd.	38.80	6,800.08	41.50	7,273.28	7%
38	Mazagon Dock Shipbuilders Ltd.	212.60	4,287.93	239.60	4,832.49	13%
39	Mishra Dhatu Nigam Ltd.	176.70	3,310.30	165.40	3,098.60	-6%
40	Moil Ltd.	150.35	3,568.22	184.45	3,753.28	5%
41	National Aluminium Company Ltd.	54.00	9,917.81	121.75	22,360.99	125%
42	National Fertilizers Ltd.	56.30	2,761.96	53.05	2,602.52	-6%
43	NBCC (India) Ltd.	46.60	8,388.00	36.30	6,534.00	-22%
44	NHPC Ltd.	24.45	24,560.11	27.80	27,925.20	14%
45	NLC India Ltd.	50.45	6,995.58	62.55	8,673.41	24%
46	NMDC Ltd.	135.25	39,636.44	162.50	47,622.35	20%

(Cont.)

S.No	Company	March 31, 2021 Price (₹)	March 31, 2021 M-Cap (₹crore)	March 31, 2022 Price (₹)	March 31, 2022 M-Cap (₹crore)	% increase/ decrease in M-Cap
47	NTPC Ltd.	106.45	1,03,221.01	134.95	1,30,856.51	27%
48	Oil & Natural Gas Corporation Ltd.	102.15	1,28,507.55	163.90	2,06,190.78	60%
49	Oil India Ltd.	122.65	13,300.23	238.25	25,835.95	94%
50	Orissa Mineral Development Company Ltd.	2,462.40	1,477.44	2,849.65	1,709.79	16%
51	Power Finance Corporation Ltd.	113.65	30,004.53	112.45	29,687.72	-1%
52	Power Grid Corporation Of India Ltd.	215.65	1,12,819.23	216.85	1,51,262.70	34%
53	Rail Vikas Nigam Ltd.	29.10	6,067.41	32.70	6,818.02	12%
54	Railtel Corporation India Ltd.	126.80	4,069.50	84.10	2,699.09	-34%
55	Rashtriya Chemicals And Fertilizers Ltd.	77.50	4,275.58	89.60	4,943.13	16%
56	REC Ltd.	131.25	25,920.80	123.00	24,291.49	-6%
57	Rites Ltd.	240.65	5,782.86	262.80	6,315.13	9%
58	Scooters India Ltd.	36.40	156.49	31.45	135.21	-14%
59	Shipping Corporation Of India Ltd.	110.75	5,158.72	115.15	5,363.68	4%
60	SJVN Ltd.	26.05	10,237.12	27.45	10,787.29	5%
61	State Trading Corpn. Of India Ltd.	74.30	445.80	97.10	582.60	31%
62	Steel Authority Of India Ltd.	78.85	32,565.78	98.55	40,702.06	25%
	Total M-Cap		**12,19,839.06**		**15,45,908.76**	**27%**

Source: BSE, '-' CPSEs listed during FY 2021-22

2.11 Implementation of IND-AS in CPSEs

Ministry of Corporate Affairs, Government of India notified (16 February 2015) Indian Accounting Standards (Ind-AS), converging the hitherto applicable Indian Generally Accepted Accounting Principles (IGAAP) with global standards, namely, International Financial Reporting Standards (IFRS). The Ind-AS is mandatorily to be adopted by prescribed class of Companies w.e.f. 1 April 2016 in a phased manner as per the below mentioned roadmap given by MCA (Ministry of Corporate Affairs):

Table 2.11: Roadmap for Ind-AS Implementation:

Phase I	**1st April 2015 or thereafter: Voluntary Basis for all companies (with comparatives)**	
	1st April 2016: Mandatory Basis	
	(a)	Companies listed / in process of listing on Stock Exchanges in India or Outside India having net worth > ₹500 crore
	(b)	Unlisted Companies having net worth > ₹500 crore
	(c)	Holding, Subsidiary, Associate and Joint venture of above
Phase II	**1st April 2017: Mandatory Basis**	
	(a)	All companies which are listed / or in process of listing in or outside India on Stock Exchanges not covered in Phase I
	(b)	Unlisted companies having net worth of ₹250 crore or more but less than rupees five hundred crore
	(c)	Holding, Subsidiary, Associate and Joint venture of above
Non-Banking Financial Companies (NBFC's)		
Phase I:	**From 1st April, 2018 (with comparatives)**	

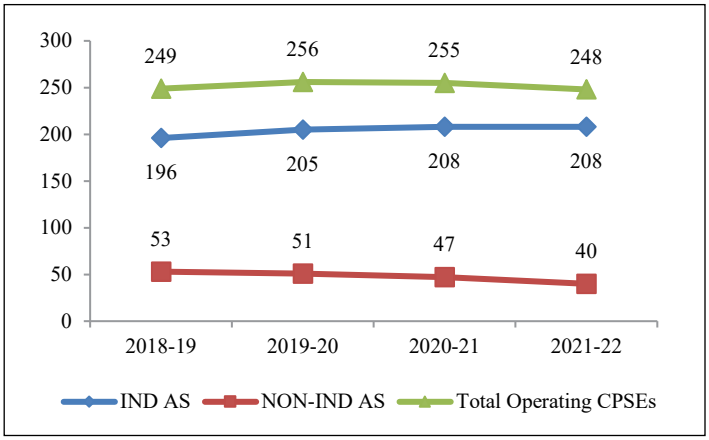
(Cont.)

	• NBFCs (whether listed or unlisted) having net worth ₹500 crore or more • Holding, Subsidiary, JV and Associate companies of above NBFC other than those already covered under corporate roadmap shall also apply from said date
Phase II:	**From 1st April, 2019 (with comparatives)**
	• NBFCs whose equity and/or debt securities are listed or are in the process of listing on any stock exchange in India or outside India and having net worth less than ₹500 crore
	• NBFCs that are unlisted having net worth ₹250 crore or more but less ₹500 crore
	• Holding, Subsidiary, JV and Associate companies of above other than those already covered under corporate roadmap shall also apply from said date

Source: Institute of Chartered Accountants of India

CPSEs are adopting IND-AS as per the prescribed guidelines of MCA. As on 31st March 2022, 208 CPSEs (out of 248 operating CPSEs) have prepared their financial statements as per IND-AS format. The year-wise number of operating CPSEs adopting IND-AS is presented in the **Figure 2.18.**

Figure 2.18: Year wise No. of operating CPSEs adopting IND-AS



As per **Figure 2.18,** IND-AS applicability across CPSEs shows a positive trend. Conversely, the number of non-IND-AS category CPSEs have gradually shrunk down to 40 from 53 since 2018-19.

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 20 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	Steel, Petroleum (Refinery & Marketing), Fertilizers, Chemicals & Pharmaceuticals, Heavy & Medium Engineering, Transportation Vehicle & Equipment, Industrial & Consumer Goods, Textiles, Power Generation	85
Services	7	Power Transmission, Trading & Marketing, Transport & Logistic Services, Contract & Construction and Tech. Consultancy Services, Hotel & Tourist Services, Financial Services, Telecommunication & Information Technology	138

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	2020-21	2021-22	Growth Rate (%)
Gross Turnover	1,197	1,106	-8%
Net Profit/Loss	-78	-56	28%
Gross Block	1,034	1,053	2%
Value Addition	174	180	3%
Foreign Exchange Earnings	0	0	0%
Financial Investment	1,172	1,147	-2%
Capital Employed	1,062	978	-8%
Net Worth	926	875	-5%
Contribution to Central Exchequer	24	10	-56%
Dividend declared	9	1	-92%

The Net Loss declined by 28% and Gross Block and Value Addition have shown marginal increase during FY 2021-22 over FY 2020-21.

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**

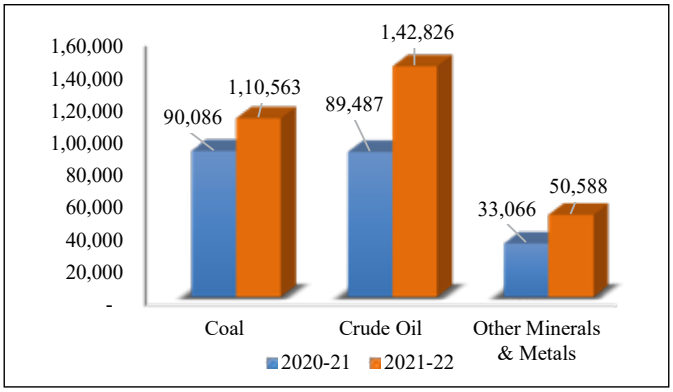
Table 3.3 Performance of Mining and Exploration Sector (₹ crore)

MINING AND EXPLORATION	2020-21	2021-22	Growth Rate (%)
Gross Turnover	2,12,640	3,03,977	43%
Net Profit	41,824	87,984	110%
Gross Block	5,22,642	5,65,088	8%
Value Addition	1,58,406	2,35,821	49%
Foreign Exchange Earnings	19,683	27,180	38%
Financial Investment	1,05,958	1,10,784	5%
Capital Employed	4,39,165	4,96,134	13%
Net Worth	3,56,421	4,07,066	14%
Contribution to Central Exchequer	54,073	76,269	41%
Dividend declared	21,000	40,158	91%

As per **Table 3.3** above, all the parameters in this sector have shown a progressive trend in FY 2021-22. 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 2021-22, the total Gross Turnover in this Sector increased by around 43%. The Gross Turnover of the three cognate groups of Mining and Exploration Sector is given in **Figure 3.1.** At cognate group level, Coal, Crude Oil and Other Minerals & Metals have shown an increase of 23%, 60% and 53% respectively. Crude Oil has the highest share of turnover in this Sector during FY 2021-22 followed by Coal and Other Minerals & Metals. The list of top 10 CPSEs in terms of Gross Turnover in FY 2021-22 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 2021-22

S. No	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	68,141	1,10,345	62%
2	NMDC Ltd.	Other Minerals & Metals	15,370	25,882	68%
3	Mahanadi Coalfields Ltd.	Coal	16,492	21,812	32%
4	South Eastern Coalfields Ltd.	Coal	18,049	20,476	13%
5	Northern Coalfields Ltd.	Coal	15,988	18,986	19%
6	ONGC Videsh Ltd.	Crude Oil	12,666	17,798	41%
7	Oil India Ltd.	Crude Oil	8,605	14,530	69%
8	National Aluminium Ltd.	Other Minerals & Metals	8,956	14,181	58%
9	Western Coalfields Ltd.	Coal	9,866	13,792	40%
10	Central Coalfields Ltd.	Coal	11,765	13,486	15%
	Others (13 CPSEs)		**26,742**	**32,688**	**22%**
	Grand Total		**2,12,640**	**3,03,977**	**43%**

3.2.2 Overall Net Profit

The overall Net Profit in this Sector has increased by around 110%. The Net Profit of various cognate groups of Mining and Exploration Sector is given in **Figure 3.2**. At cognate group level, Crude Oil has reported highest increase in profit in this Sector (249%) followed by Other Minerals and Metals and Coal which shows increase of 64% and 40% respectively the list of top 10 CPSEs in terms of Overall Net Profit in FY 2021-22 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 2020-21 & FY 2021-22 (₹ crore)

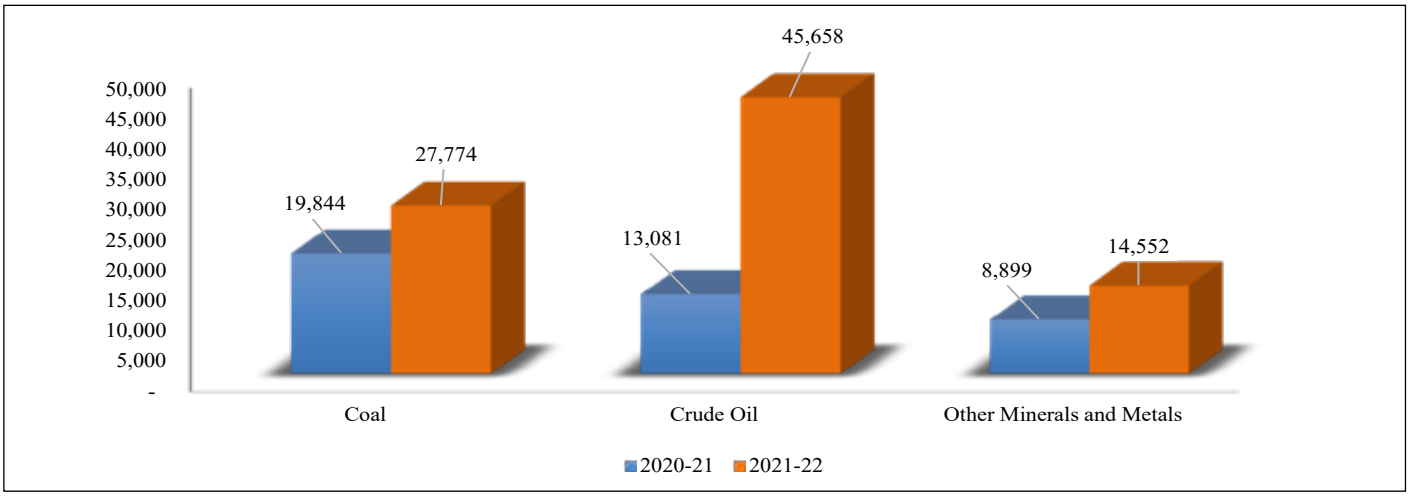
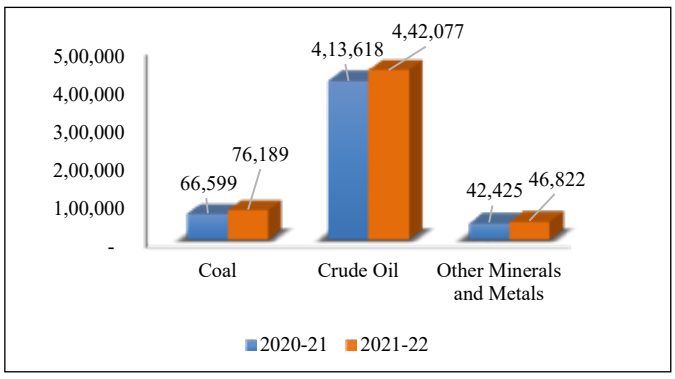


Table 3.5 Top 10 CPSEs in Mining and Exploration Sector by Net Profit in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	11,246	40,306	258%
2	Coal India Ltd.	Coal	7,640	11,202	47%
3	NMDC Ltd.	Other Minerals & Metals	6,253	9,398	50%
4	Mahanadi Coalfields Ltd.	Coal	6,872	8,481	23%
5	Northern Coalfields Ltd.	Coal	4,398	4,857	10%
6	Oil India Ltd.	Crude Oil	1,742	3,887	123%
7	National Aluminium Company Ltd.	Other Minerals & Metals	1,300	2,952	127%
8	Central Coalfields Ltd.	Coal	1,221	1,697	39%
9	South Eastern Coalfields Ltd.	Coal	1,440	1,545	7%
10	ONGC Videsh Ltd.	Crude Oil	1,886	1,494	-21%
	Others (13 CPSEs)		**-2,175**	**2,166**	200%
	Grand Total		**41,824**	**87,984**	**110%**

3.2.3 Gross Block

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



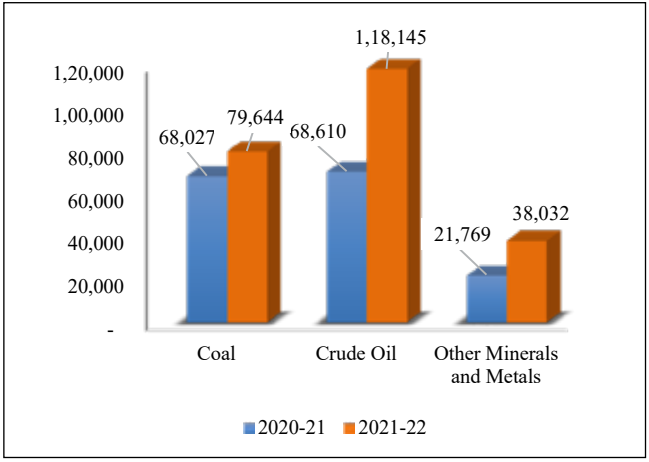
The total Gross Block in this Sector has increased by around 8%. The Gross Block of the three cognate groups of Mining and Exploration Sector is given in **Figure 3.3**. All three cognate groups - Coal, Crude Oil, and Other Minerals & Metals have shown an increase in Gross Block, by 14%, 7% and 10% respectively. Coal has the reported highest increase in this Sector followed by Other Minerals & Metals and Crude Oil. The list of top 10 CPSEs in terms of Gross Block in FY 2021-22 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 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	2,66,484	2,88,621	8%
2	ONGC Videsh Ltd.	Crude Oil	1,23,148	1,27,664	4%
3	Oil India Ltd.	Crude Oil	23,636	25,447	8%
4	NMDC Ltd.	Other Minerals & Metals	21,914	24,220	11%
5	South Eastern Coalfields Ltd.	Coal	14,622	16,752	15%
6	Mahanadi Coalfields Ltd.	Coal	12,922	16,150	25%
7	National Aluminium Company Ltd.	Other Minerals & Metals	12,126	13,283	10%
8	Northern Coalfields Ltd.	Coal	9,370	10,921	17%
9	Central Coalfields Ltd.	Coal	9,266	10,109	9%
10	Eastern Coalfields Ltd.	Coal	7,060	8,281	17%
	Others (13 CPSEs)		22,095	23,640	**7%**
	Grand Total		**5,22,642**	**5,65,088**	**8%**

3.2.4 Value Addition

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



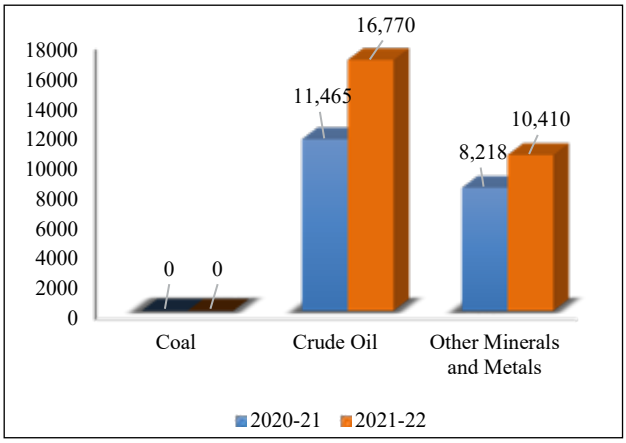
The overall Value Addition in this Sector has increased by around 49% in FY 2021-22. The Value Addition by cognate groups of Mining and Exploration Sector is given in **Figure 3.4**. At cognate group level, whereas Coal, Crude Oil and Other Minerals & Metals has shown a growth of 17%, 72% and 75% respectively. Other Minerals & Metals have reported highest increase in value addition in this Sector followed by Crude Oil and Coal. The list of top 10 CPSEs in terms of Value Addition in FY 2021-22 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 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	53,406	91,565	71%
2	NMDC Ltd.	Other Minerals & Metals	13,197	24,628	87%
3	Mahanadi Coalfields Ltd.	Coal	13,157	15,900	21%
4	Oil India Ltd.	Crude Oil	7,741	13,764	78%
5	ONGC Videsh Ltd.	Crude Oil	9,041	12,643	40%
6	Coal India Ltd.	Coal	8,148	11,823	45%
7	South Eastern Coalfields Ltd.	Coal	10,693	11,172	4%
8	Northern Coalfields Ltd.	Coal	9,433	10,444	11%
9	Central Coalfields Ltd.	Coal	7,937	8,452	6%
10	Western Coalfields Ltd.	Coal	6,575	7,985	21%
	Others (13 CPSEs)		**19,077**	**27,446**	**44%**
	Grand Total		**1,58,406**	**2,35,821**	**49%**

3.2.5 Foreign Exchange Earnings

Figure 3.5: Foreign Exchange Earnings in 2020-21 & 2021-22 (₹ crore)



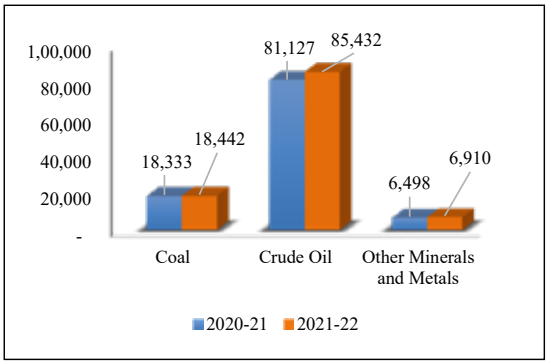
The total Foreign Exchange Earnings in this Sector has increased by around 38%. The change in Foreign Exchange Earnings in various cognate groups of Mining and Exploration can be inferred from **Figure 3.5**. The Foreign Exchange Earnings in Crude Oil have increased by 46%. The Coal cognate group has no Foreign Exchange Earnings, whereas the Foreign Exchange Earnings from Other Minerals & Metals have shown a growth of 27%. Crude Oil has reported highest increase in Foreign Exchange Earnings in this sector followed by Other Minerals & Metals. List of seven CPSEs in terms of Foreign Exchange Earnings in FY 2021-22 of the Sector is shown in **Table 3.8**. 15 CPSEs have reported Nil Foreign Exchange Earnings in FY 2021-22.

Table 3.8: Top 7 CPSEs in Mining and Exploration sector by Foreign Exchange Earnings in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	ONGC Videsh Ltd.	Crude Oil	10,951	16,047	47%
2	National Aluminium Company Ltd.	Other Minerals & Metals	5,061	6,404	27%
3	KIOCL Ltd.	Other Minerals & Metals	1,846	2,929	59%
4	IREL (India) Ltd.	Other Minerals & Metals	515	724	41%
5	Oil India Ltd.	Crude Oil	275	509	85%
6	Hindustan Copper Ltd.	Other Minerals & Metals	796	353	-56%
7	Oil & Natural Gas Corporation Ltd.	Crude Oil	239	191	-20%
	Others (16 CPSEs)		-	24	-
	Grand Total		**19,683**	**27,180**	**38%**

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 increased by around 5%. The change in Financial Investment in various cognate groups of Mining and Exploration can be inferred from **Figure 3.6**. All the three cognate groups - Coal, Crude Oil, and Other Minerals & Metals have shown an increase in financial investments, by 1%, 5% and 6% respectively. Other Minerals & Metals have reported highest increase in Financial Investment followed by Crude Oil and Coal. The list of top 10 CPSEs in terms of Financial Investments from Mining and Exploration sector in FY 2021-22 is shown in **Table 3.9.**

Table 3.9: Top 10 CPSEs in Mining and Exploration sector by Financial Investments in FY 2021-22

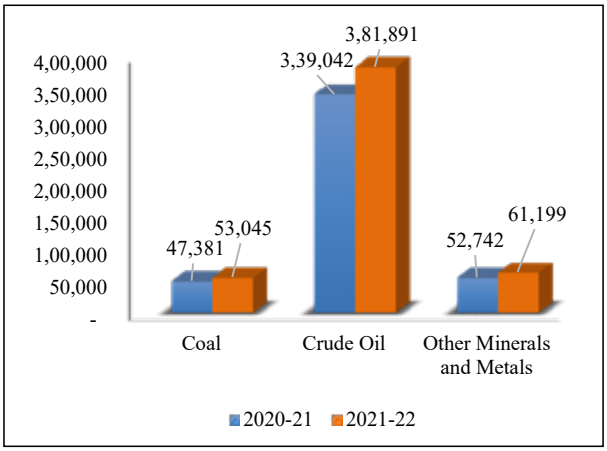
S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	ONGC Videsh Ltd.	Crude Oil	47,519	50,315	6%
2	Oil India Ltd.	Crude Oil	12,502	12,720	2%
3	Oil & Natural Gas Corporation Ltd.	Crude Oil	12,618	12,687	1%

(Cont.)

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
4	Bharat Petro Resources Ltd.	Crude Oil	8,243	9,465	15%
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	4,310	4,420	3%
8	Uranium Corporation of India Ltd.	Other Minerals & Metals	2,095	2,095	0%
9	NMDC Ltd.	Other Minerals & Metals	817	1,961	140%
10	Central Coalfields Ltd.	Coal	940	940	0%
	Others (13 CPSEs)		**6,094**	**5,361**	**-12%**
	Grand Total		**1,05,958**	**1,10,784**	**5%**

3.2.7 Capital Employed

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



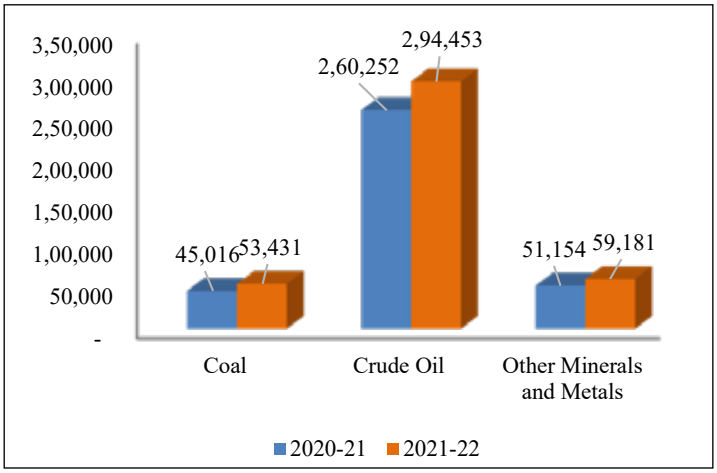
The total Capital Employed in this Sector has increased by around 13%. The Capital Employed by various cognate groups of Mining and Exploration is given in **Figure 3.7**. All the cognate groups have shown increase on year on year basis viz. Coal (12%), Crude Oil (13%), and Other Minerals & Metals (16%) respectively. Other Minerals & Metals have reported highest increase in Capital Employed in this Sector followed by Crude Oil and Coal. The list of top 10 CPSEs in terms of Capital Employed in FY 2021-22 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 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	2,10,886	2,43,545	15%
2	ONGC Videsh Ltd.	Crude Oil	86,029	91,128	6%
3	Oil India Ltd.	Crude Oil	37,629	41,526	10%
4	NMDC Ltd.	Other Minerals & Metals	30,280	36,512	21%
5	Coal India Ltd.	Coal	16,752	16,358	-2%
6	National Aluminium Company Ltd.	Other Minerals & Metals	10,681	12,555	18%
7	Central Coalfields Ltd.	Coal	7,549	8,412	11%
8	Mahanadi Coalfields Ltd.	Coal	5,538	8,217	48%
9	Northern Coalfields Ltd.	Coal	6,616	7,871	19%
10	Bharat Petro Resources Ltd.	Crude Oil	4,383	5,582	27%
	Others (13 CPSEs)		**22,823**	**24,428**	**7%**
	Grand Total		**4,39,165**	**4,96,134**	**13%**

3.2.8 Net Worth

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



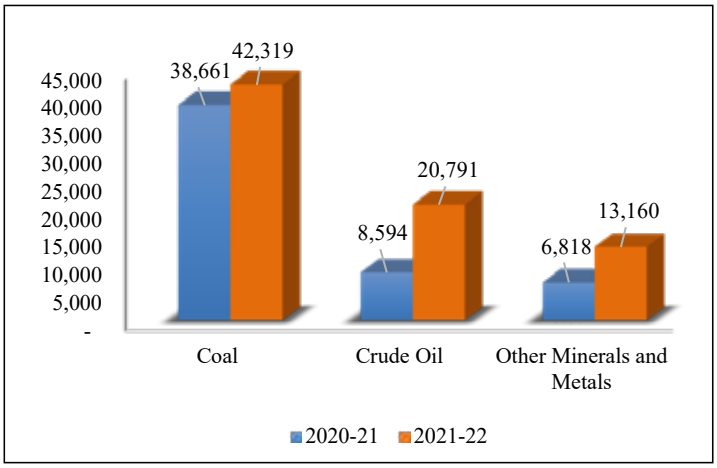
The total Net Worth in this Sector has increased by around 14%. The share of cognate groups in Net Worth for the FY 2021-22 is provided in **Figure 3.8**. Coal, Crude Oil, and Other Minerals & Metals have shown an increase by 19%, 13% and 16% respectively. Coal has reported highest increase in Net Worth in this Sector followed by Other Minerals & Metals and Crude Oil. The list of top 10 CPSEs in terms of Net Worth in FY 2021-22 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 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	1,94,210	2,23,041	15%
2	ONGC Videsh Ltd.	Crude Oil	39,137	40,932	5%
3	NMDC Ltd.	Other Minerals & Metals	29,756	34,844	17%
4	Oil India Ltd.	Crude Oil	24,500	26,979	10%
5	Coal India Ltd.	Coal	16,752	16,358	-2%
6	National Aluminium Company Ltd.	Other Minerals & Metals	10,681	12,555	18%
7	Central Coalfields Ltd.	Central Coalfields Ltd.	7,723	8,637	12%
8	Mahanadi Coalfields Ltd.	Coal	5,533	8,213	48%
9	Northern Coalfields Ltd.	Coal	6,699	7,959	19%
10	South Eastern Coalfields Ltd.	Coal	4,572	5,685	24%
	Others (13 CPSEs)		**16,860**	**21,863**	**30%**
	Grand Total		**3,56,421**	**4,07,066**	**14%**

3.2.9 Contribution to Exchequer

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



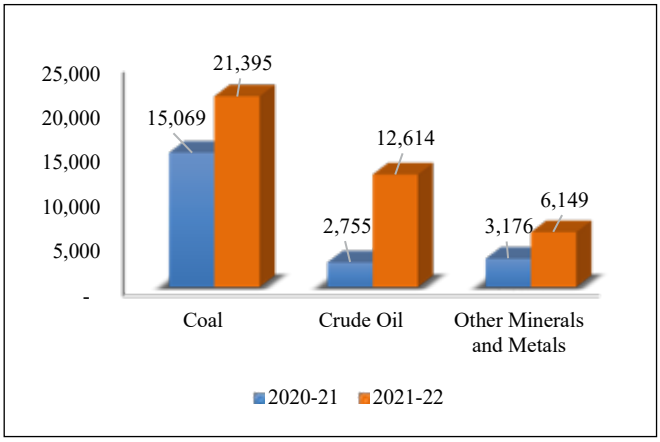
The total Contribution to Central Exchequer in this Sector has increased by around 41%. The Contribution to Exchequer (CTE) by the cognate groups of Mining and Exploration Sector is given in **Figure 3.9**. Crude Oil cognate group reported the highest growth in this Sector followed by Other Minerals & Metals and Coal. 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 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	6,448	16,832	161%
2	Mahanadi Coalfields Ltd.	Coal	8,266	10,064	22%
3	NMDC Ltd.	Other Minerals & Metals	4,892	8,895	82%
4	South Eastern Coalfields Ltd.	Coal	10,223	8,526	-17%
5	Northern Coalfields Ltd.	Coal	6,584	7,756	18%
6	Coal India Ltd.	Coal	5,133	6,270	22%
7	Oil India Ltd.	Crude Oil	1,995	3,940	98%
8	Central Coalfields Ltd.	Coal	3,386	3,576	6%
9	Western Coalfields Ltd.	Coal	2,127	2,802	32%
10	National Aluminium Company Ltd.	Other Minerals & Metals	956	2,464	158%
	Others (13 CPSEs)		**4,065**	**5,146**	**27%**
	Grand Total		**54,073**	**76,269**	**41%**

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 91%. The share of dividend declared across various cognate groups for the FY 2020-21 and FY 2021-22 is provided in **Figure-3.10**. Crude Oil cognate group reported the highest growth in Dividend in this Sector followed by Other Minerals & Metals and Coal. 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 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Oil & Natural Gas Corporation Ltd.	Crude Oil	2,202	11,448	420%
2	Coal India Ltd.	Coal	7,703	10,785	40%
3	Mahanadi Coalfields Ltd.	Coal	5,225	5,800	11%
4	NMDC Ltd.	Other Minerals & Metals	2,274	4,320	90%
5	Northern Coalfields Ltd.	Coal	2,141	3,596	68%
6	Oil India Ltd.	Crude Oil	553	1,166	111%
7	National Aluminium Company Ltd.	Other Minerals & Metals	461	1,102	139%
8	Central Coalfields Ltd.	Coal	0	782	-
9	South Eastern Coalfields Ltd.	Coal	0	432	-
10	Uranium Corporation of India Ltd.	Other Minerals & Metals	160	178	11%
	Others (13 CPSEs)		**281**	**550**	**95%**
	Grand Total		**21,000**	**40,158**	**91%**

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)

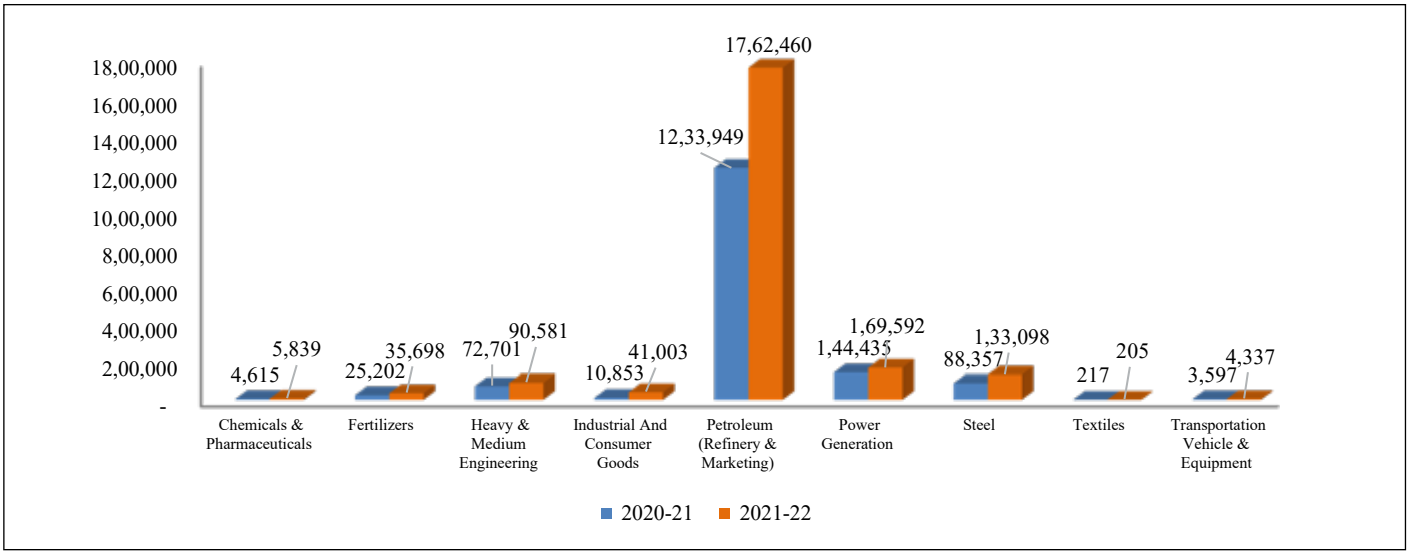
MANUFACTURING, PROCESSING AND GENERATION	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
Gross Turnover	15,83,927	22,42,815	42%
Net Profit	89,972	1,05,815	18%
Gross Block	12,36,039	13,69,527	11%
Value Addition	2,60,810	2,94,374	13%
Foreign Exchange Earnings	43,180	92,666	115%
Financial Investment	5,36,626	5,44,720	2%
Capital Employed	10,37,693	11,16,488	8%
Net Worth	5,92,175	6,62,630	12%
Contribution to Central Exchequer	3,88,652	3,90,565	0.49%
Dividend declared	33,471	49,080	47%

As per the **Table 3.14**, all the indicators in this Sector have shown a positive trend in FY 2021-22. 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 42%. 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, Industrial and Consumer Goods, Steel, Petroleum (Refinery & Marketing), Fertilizers have shown an increase by 278%, 51%, 43% and 42% respectively. Turnover of Textiles has decreased by 6%. Industrial and Consumer Goods has reported highest increase in turnover followed by Steel and Petroleum (Refinery & Marketing). The list of top 10 CPSEs in terms of Gross Turnover in FY 2021-22 of the Sector is shown in **Table 3.15.**

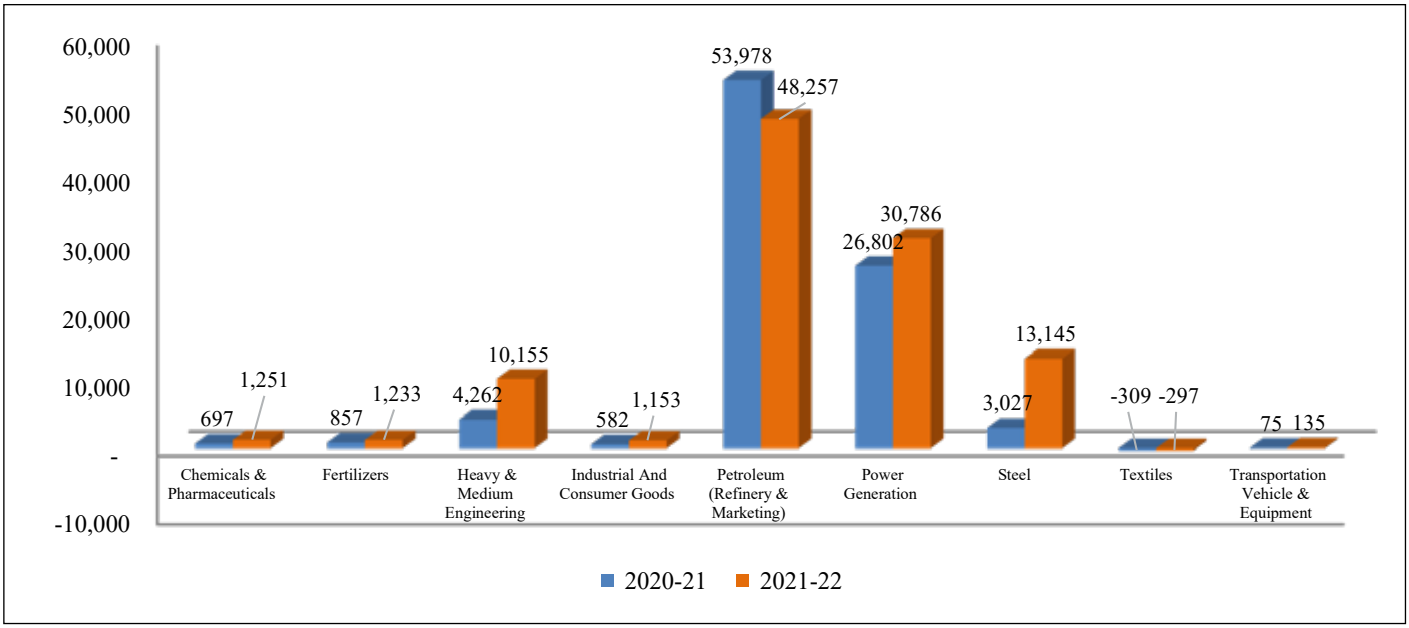
Table 3.15: Top 10 CPSEs in Manufacturing, Processing and Generation sector by Gross Turnover

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	5,14,890	7,28,460	41%
2	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	3,01,873	4,33,406	44%
3	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	2,70,326	3,73,897	38%
4	NTPC Ltd.	Power Generation	99,207	1,16,137	17%
5	Steel Authority Of India Ltd.	Steel	69,110	1,03,473	50%
6	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	50,796	86,064	69%
7	Chennai Petroleum Corporation Ltd.	Petroleum (Refinery & Marketing)	41,899	60,474	44%
8	Bharat Oman Refineries Limited	Petroleum (Refinery & Marketing)	35,420	55,561	57%
9	HLL Lifecare Ltd.	Industrial And Consumer Goods	5,081	35,669	602%
10	Rashtriya Ispat Nigam Ltd.	Steel	18,081	28,359	57%
	Other (75 CPSEs)		**1,77,243**	**2,21,313**	**25%**
	Grand Total		**15,83,927**	**22,42,815**	**42%**

3.3.2 Overall Net Profit

The overall Net Profit in this Sector has increased by around 18%. 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 Steel grew by 334% and Heavy & Medium Engineering grew by 138% and Industrial and Consumer Goods by 98%, Transport Vehicle & Equipment by 80%, Chemicals & Pharmaceuticals grew by 79%, Fertilizers by 44% and Power Generation by 15%. Remaining Cognate Groups - Petroleum (Refinery & Marketing) and Textiles, witnessed a decrease by 11% and 3% respectively. The list of top 10 CPSEs in terms of Overall Net Profit in FY 2021-22 of the Sector is shown in **Table 3.16.**

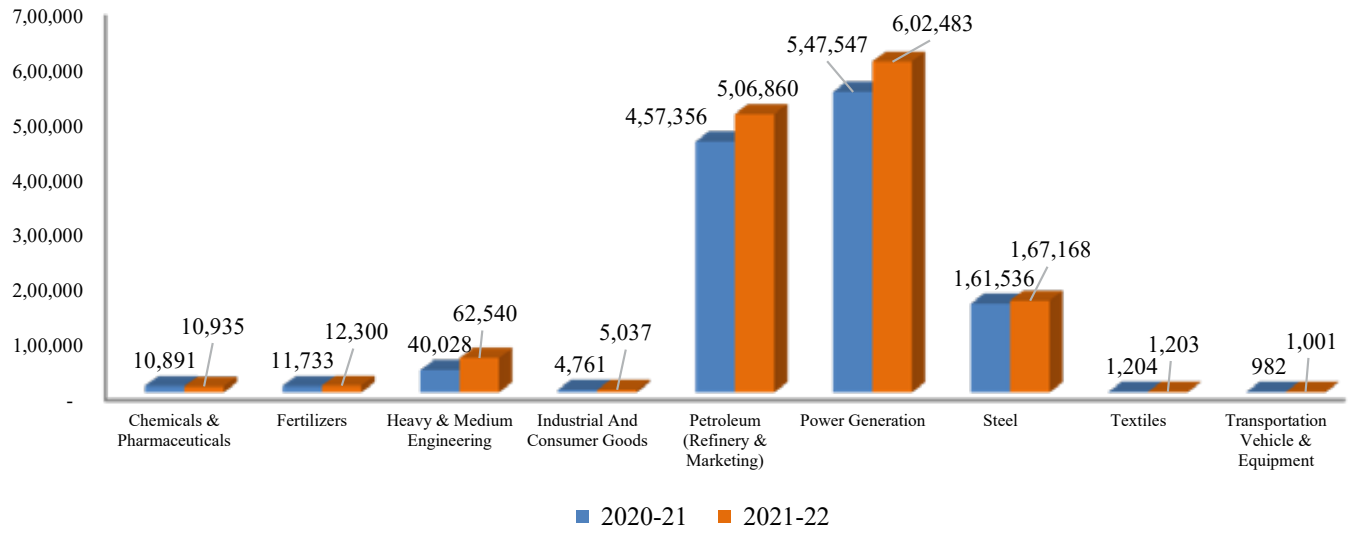
Table 3.16: Top 10 CPSEs in Manufacturing, Processing and Generation by Overall Net Profit

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	21,836	24,184	11%
2	NTPC Ltd.	Power Generation	13,770	16,111	17%
3	Steel Authority Of India Ltd.	Steel	3,850	12,015	212%
4	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	19,042	8,789	-54%
5	Nuclear Power Corpn. Of India Ltd.	Power Generation	4,371	6,395	46%
6	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	10,664	6,383	-40%
7	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	3,239	5,087	57%
8	Numaligarh Refinery Ltd.	Petroleum (Refinery & Marketing)	3,036	3,562	17%
9	NHPC LTD.	Power Generation	3,245	3,538	9%
10	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	-761	2,955	488%
	Other (75 CPSEs)		**7,680**	**16,797**	**119%**
	Grand Total		**89,972**	**1,05,815**	**18%**

3.3.3 Gross Block

The overall Gross Block in this Sector has increased by around 11%. 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 2020-21 & 2021-22 (₹ crore)



At cognate group level, all cognate groups, except for Chemicals & Pharmaceuticals, Industrial and Consumer Goods and Textiles, have shown a growth over FY 2020-21. Power Generation has the highest share in this Sector followed by Petroleum (Refinery & Marketing) and Steel. The list of top 10 CPSEs in terms of Gross Block in FY 2021-22 of the Sector is shown in **Table 3.17.**

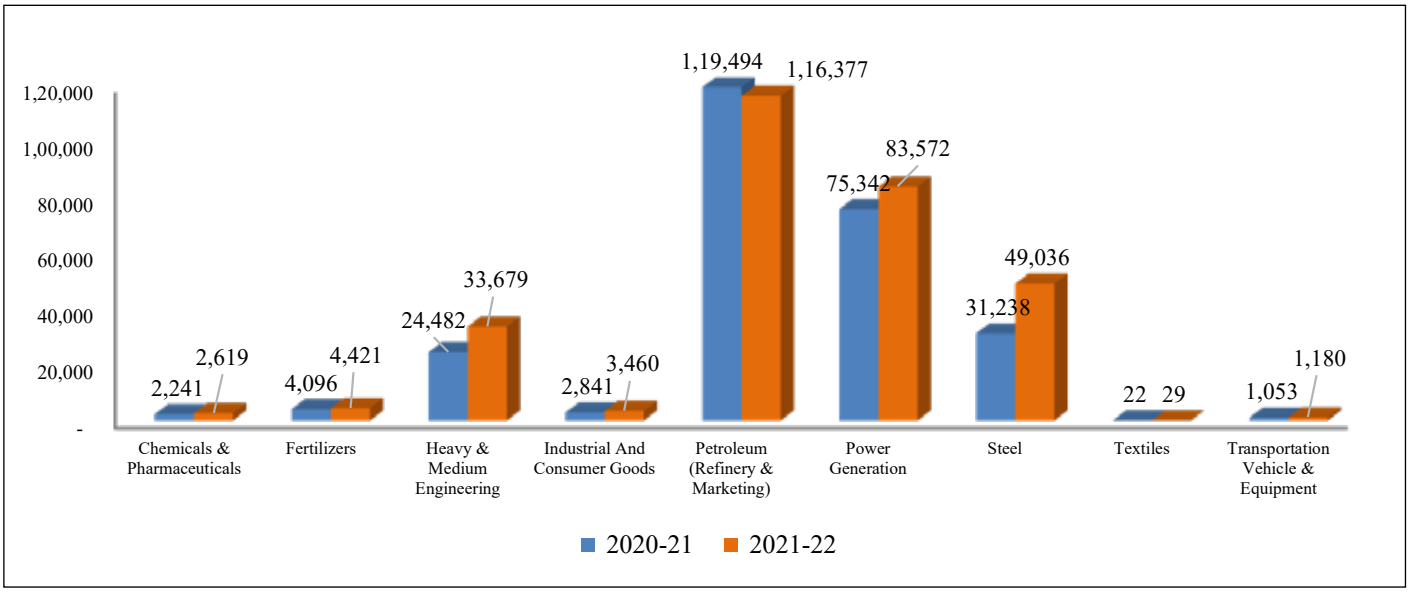
Table 3.17: Top 10 CPSEs in Manufacturing, Processing and Generation sector by Gross Block

S. No	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	2,87,743	3,07,805	7%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	2,19,294	2,44,101	11%
3	Steel Authority Of India Ltd.	Steel	1,23,970	1,28,802	4%
4	Nuclear Power Corpn. Of India Ltd.	Power Generation	95,892	1,10,574	15%
5	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	91,000	1,04,287	15%
6	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	87,960	94,008	7%
7	NHPC LTD.	Power Generation	46,827	50,572	8%
8	Rashtriya Ispat Nigam Ltd.	Steel	36,309	36,973	2%
9	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	28,018	28,705	2%
10	NLC India Ltd.	Power Generation	26,924	27,488	2%
	Other (75 CPSEs)		**1,92,101**	**2,36,214**	**23%**
	Grand Total		**12,36,039**	**13,69,527**	**11%**

3.3.4 Value Addition

The Value Addition in this Sector has increased by around 13%. 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, Steel, Heavy & Medium Engineering, Textiles, Industrial and Consumer Goods, Chemicals & Pharmaceuticals, Transportation Vehicle & Equipment, Power Generation and Fertilizers have shown an increase by 57%, 38%, 31%, 22%, 17%, 12%,11% and 8% respectively and Petroleum (Refinery & Marketing) have shown decrease by 3%. The list of top 10 CPSEs in terms of Value Addition in FY 2021-22 of the Sector is shown in **Table 3.18**.

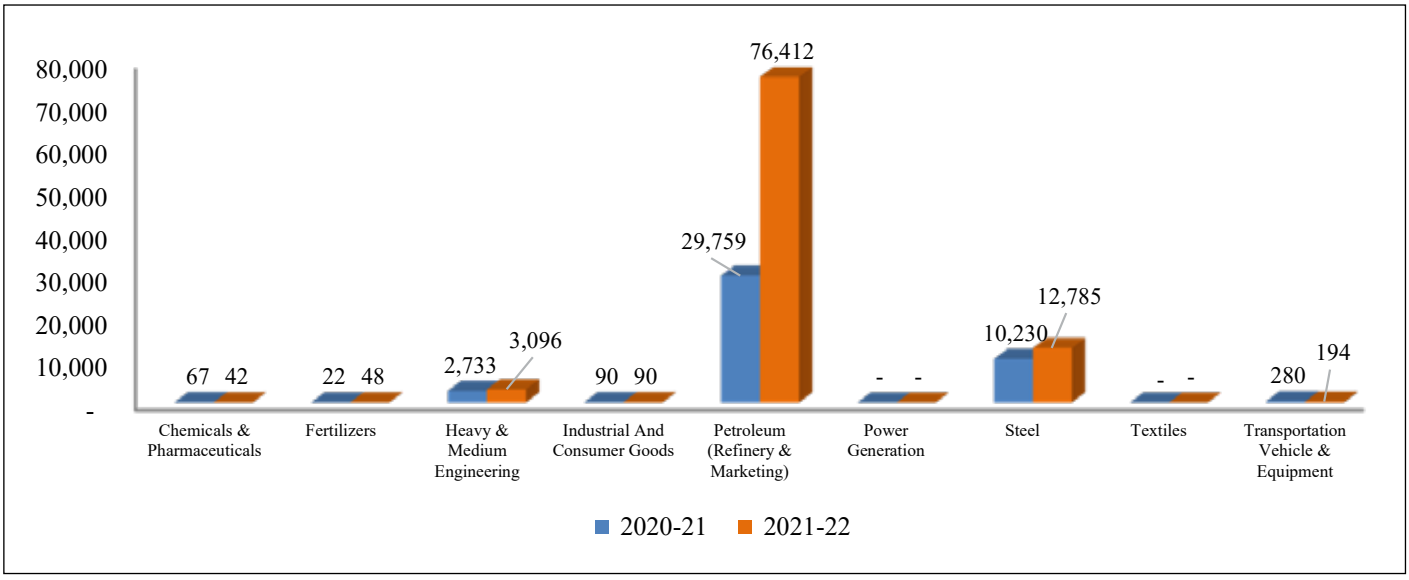
Table 3.18: Top 10 CPSEs in Value Addition in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	54,495	59,802	10%
2	NTPC Ltd.	Power Generation	38,513	44,357	15%
3	Steel Authority of India Ltd.	Steel	26,643	41,930	57%
4	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	32,612	21,843	-33%
5	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	22,225	16,392	-26%
6	Nuclear Power Corpn. Of India Ltd.	Power Generation	9,515	12,028	26%
7	Hindustan Aeronautics Ltd.	Heavy & Medium Engineering	10,050	11,166	11%
8	NLC India Ltd.	Power Generation	7,012	8,251	18%
9	NHPC Ltd.	Power Generation	8,068	6,714	-17%
10	Bharat Heavy Electricals Ltd.	Heavy & Medium Engineering	2,658	6,681	151%
	Other (75 CPSEs)		**49,020**	**65,210**	**33%**
	Grand Total		**2,60,810**	**2,94,374**	**13%**

3.3.5 Foreign Exchange Earnings

The total Foreign Exchange Earnings in this Sector have increased by around 115%. 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, Petroleum (Refinery & Marketing), Fertilizers, Steel and Heavy & Medium Engineering have shown an increase by 157, 116%, 25% and 13% respectively. Chemicals & Pharmaceuticals and Transportation Vehicle & Equipment have shown decrease by 38% and 31% respectively. Petroleum (Refinery & Marketing) has reported highest increase in this Sector followed by Fertilizers and Steel. The list of top 10 CPSEs in terms of Foreign Exchange Earnings in FY 2021-22 of the Sector is shown in **Table 3.19.**

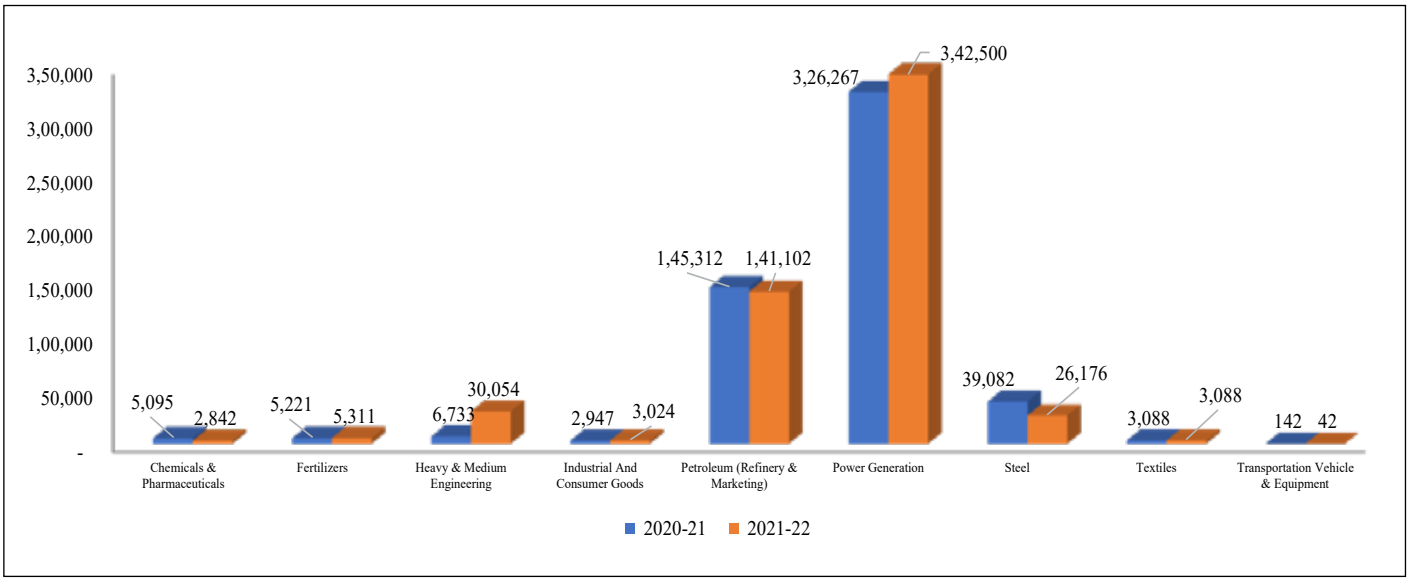
Table 3.19: Top 10 CPSEs in Manufacturing, Processing and Generation by Foreign Exchange Earnings

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	8,663	31,012	258%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	10,878	22,100	103%
3	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	6,616	14,831	124%
4	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	3,452	8,160	136%
5	Steel Authority Of India Ltd.	Steel	6,110	6,988	14%
6	Rashtriya Ispat Nigam Ltd.	Steel	4,101	5,710	39%
7	Bharat Heavy Electricals Ltd.	Heavy & Medium Engineering	1,743	2,477	42%
8	Numaligarh Refinery Ltd.	Petroleum (Refinery & Marketing)	151	309	104%
9	Bharat Electronics Ltd.	Heavy & Medium Engineering	378	278	-27%
10	BEML Ltd.		280	194	-31%
	Other (75 CPSEs)		**810**	**608**	**-25%**
	Grand Total		**43,180**	**92,666**	**115%**

3.3.6 Financial Investment

The total Financial Investments in this Sector has increased by around 2%. 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, Heavy & Medium Engineering, Power Generation, Industrial and Consumer Goods have shown increase by 213%, 5%, 3%and 2% respectively whereas, Transportation Vehicle & Equipment, Chemicals & Pharmaceuticals, Steel, Fertilizer and Petroleum (Refinery & Marketing) have shown decrease by71%, 44%, 33%, 28% and 3% respectively. Heavy & Medium Engineering has reported highest increase in Financial Investments followed by Power Generation and Industrial and Consumer Goods. The list of top 10 CPSEs in terms of Financial Investments in FY 2021-22 of the Sector is shown in **Table 3.20.**

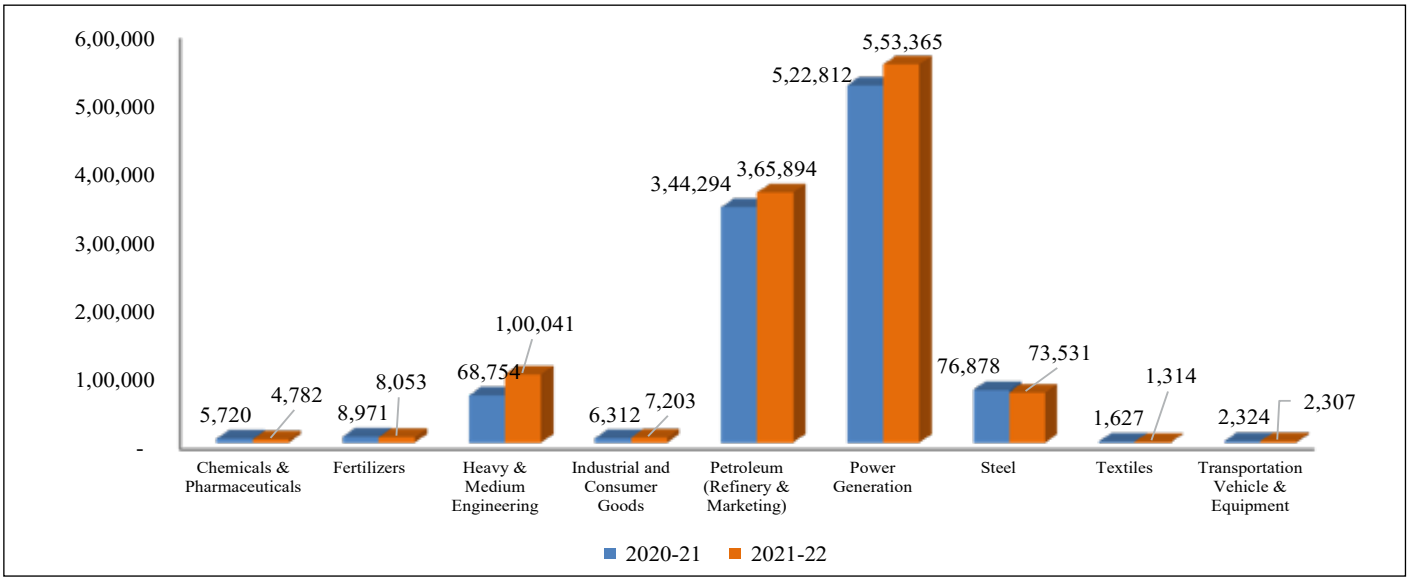
Table 3.20: Top 10 CPSEs in Manufacturing, Processing and Generation sector by Financial Investments

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	1,60,926	1,57,071	-2%
2	Nuclear Power Corpn. Of India Ltd.	Power Generation	67,626	76,370	13%
3	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	58,147	59,761	3%
4	NHPC LTD.	Power Generation	31,286	33,212	6%
5	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	28,522	32,646	14%
6	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	26,728	17,611	-34%
7	Nabinagarh Power Generating Company Ltd.	Power Generation	15,034	16,096	7%
8	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	17,452	15,968	-9%
9	Rashtriya Ispat Nigam Ltd.	Steel	15,006	13,662	-9%
10	Steel Authority of India Ltd.	Steel	23,856	12,266	-49%
	Other (75 CPSEs)		**92,043**	**1,10,056**	**34%**
	Grand Total		**5,36,626**	**5,44,720**	**2%**

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: Change in Capital Employed in 2020-21 & 2021-22 (₹ crore)



At cognate group level, Heavy & Medium Engineering, Industrial and Consumer Goods, Petroleum (Refinery & Marketing) and Power Generation have shown increase by 46%, 14%, 6% and 6% respectively. Textile, Chemicals & Pharmaceuticals, Fertilizers, Steel and Transportation Vehicle & Equipment have shown a decrease of 19%, 16%,10%, 4% and 1% respectively. Heavy & Medium Engineering has reported highest increase in this Sector followed by Industrial and Consumer Goods and Petroleum (Refinery & Marketing). The list of top 10 CPSEs in terms of Capital Employed in FY 2021-22 of the Sector is shown in **Table 3.21**.

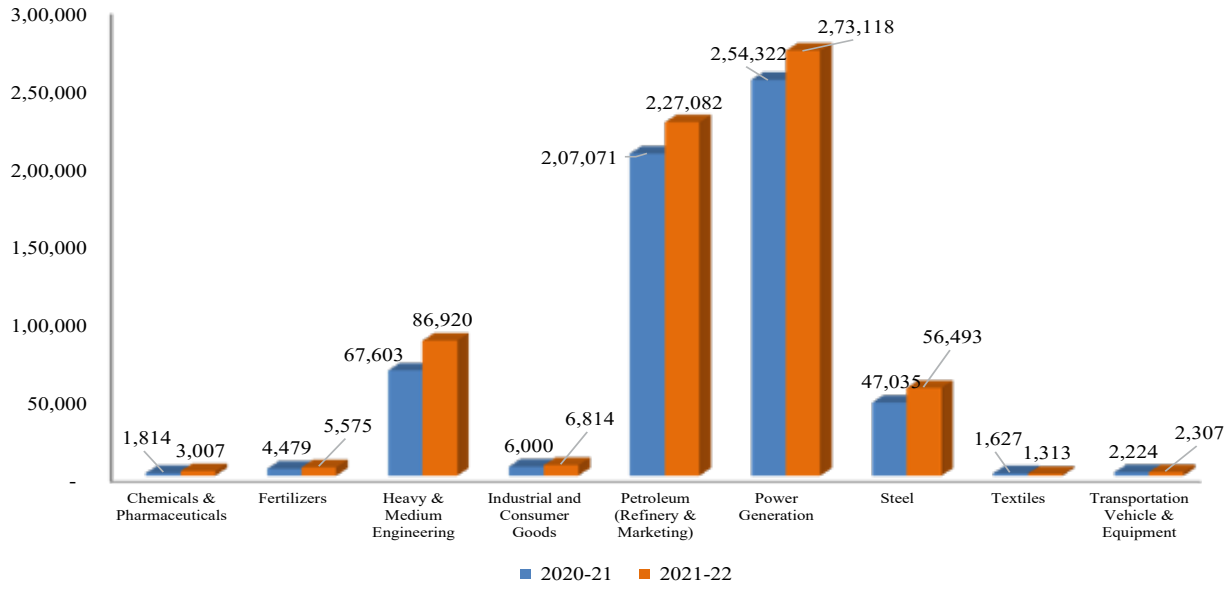
Table 3.21: Top 10 CPSEs in Manufacturing, Processing and Generation sector by Capital Employed

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	2,70,215	2,75,426	2%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	1,59,466	1,81,866	14%
3	Nuclear Power Corpn. Of India Ltd.	Power Generation	98,684	1,12,551	14%
4	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	63,256	69,904	11%
5	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	79,179	65,152	-18%
6	Steel Authority Of India Ltd.	Steel	63,221	60,153	-5%
7	NHPC LTD.	Power Generation	52,884	56,653	7%
8	Bharat Heavy Electricals Ltd.	Heavy & Medium Engineering	26,537	26,971	2%
9	NLC India Ltd.	Power Generation	22,657	22,633	0%
10	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	19,937	21,412	7%
	Other (75 CPSEs)		**1,81,695**	**2,23,768**	**25%**
	Grand Total		**10,37,693**	**11,16,488**	**8%**

3.3.8 Net Worth

The total Net Worth of CPSEs in this Sector has increased by around 12%. 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, Chemicals & Pharmaceuticals, Heavy & Medium Engineering, Fertilizers, Steel, Industrial and Consumer Goods, Petroleum (Refinery & Marketing), Power Generation, Transportation Vehicle & Equipment have shown increase by 66%, 29%, 24%, 20%, 14%, 10%, 7% and 4% respectively whereas Textile has shown a decrease by 19%. Chemicals & Pharmaceuticals has the highest share in terms of Net Worth in this Sector followed by Heavy & Medium Engineering and Fertilizers. The list of top 10 CPSEs in terms of Net Worth in FY 2021-22 of the Sector is shown in **Table 3.22**.

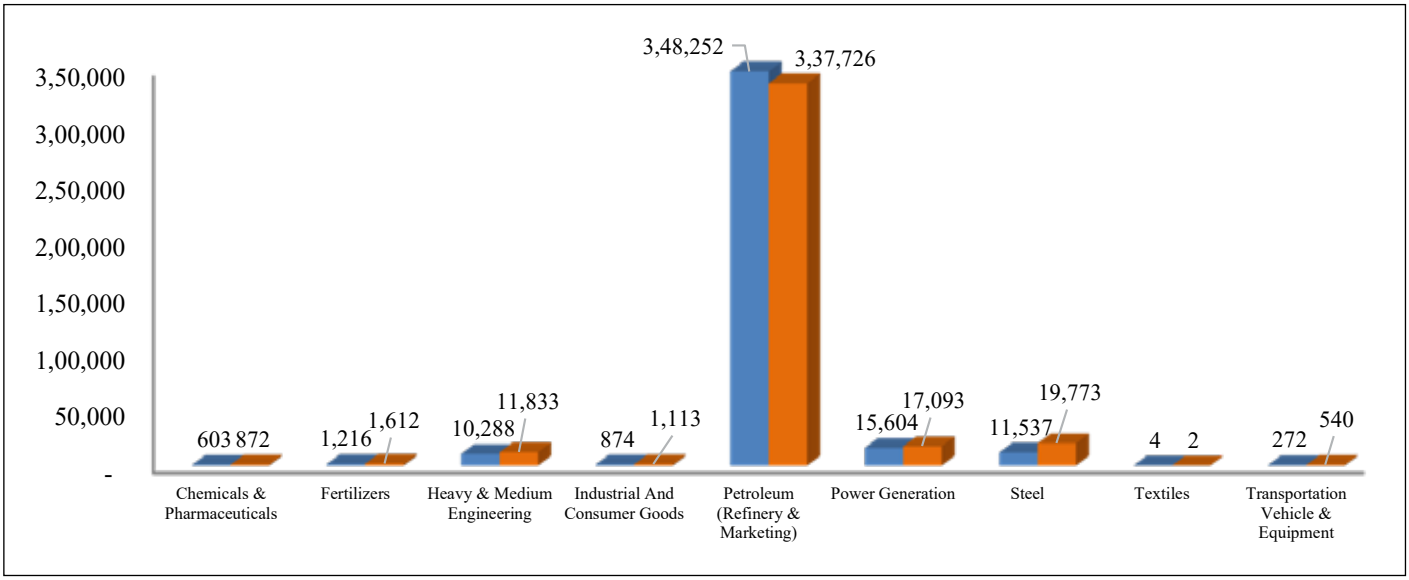
Table 3.22: Top 10 CPSEs in Manufacturing, Processing and Generation by Net Worth

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	NTPC Ltd.	Power Generation	1,18,904	1,27,964	8%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	1,00,247	1,14,214	14%
3	Steel Authority of India Ltd.	Steel	43,495	51,916	19%
4	Nuclear Power Corpn. Of India Ltd.	Power Generation	43,751	49,690	14%
5	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	54,706	49,523	-9%
6	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	36,421	38,740	6%
7	NHPC Ltd.	Power Generation	31,603	33,486	6%
8	Bharat Heavy Electricals Ltd.	Heavy & Medium Engineering	26,484	26,971	2%
9	Hindustan Aeronautics Ltd.	Heavy & Medium Engineering	15,368	19,264	25%
10	NLC India Ltd.	Power Generation	12,959	13,807	7%
	Other (75 CPSEs)		**1,08,237**	**1,37,056**	**27%**
	Grand Total		**5,92,175**	**6,62,630**	**12%**

3.3.9 Contribution to Central Exchequer

The total Contribution to Central Exchequer (CTE) from this Sector has increased by around 0.49%. 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: Change in Contribution to Central Exchequer in 2020-21 & 2020-21 (₹ crore)



Transportation Vehicle & Equipment has reported highest increase towards Contribution to Central Exchequer from this Sector followed by Steel and Chemicals & Pharmaceuticals. The list of top 10 CPSEs in terms of Contribution to Central Exchequer in this Sector is shown in **Table 3.23.**

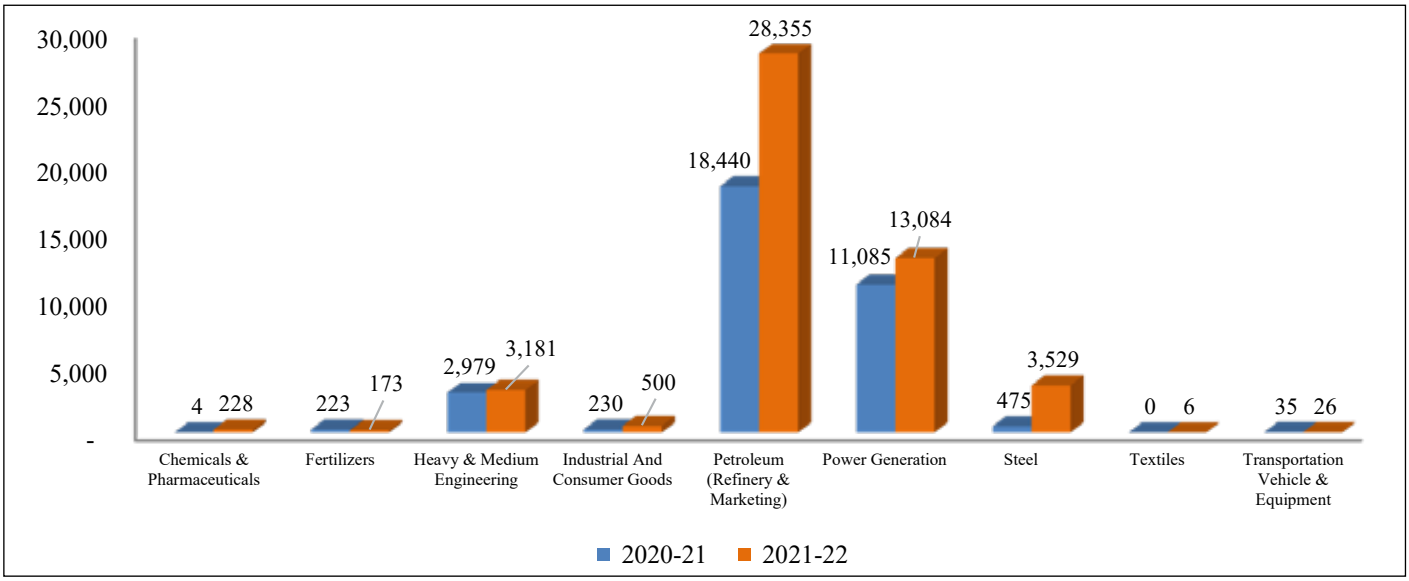
Table 3.23: Top 10 CPSEs in Manufacturing, Processing and Generation by Contribution to Exchequer

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	1,53,827	1,57,181	2%
2	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	78,784	86,613	10%
3	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	51,183	32,058	-37%
4	Bharat Oman Refineries Limited,	Petroleum (Refinery & Marketing)	18,927	20,134	6%
5	Chennai Petroleum Corporation Ltd.	Petroleum (Refinery & Marketing)	19,720	18,124	-8%
6	Mangalore Refinery & Petrochemicals Ltd.	Petroleum (Refinery & Marketing)	19,767	18,088	-8%
7	Steel Authority Of India Ltd.	Steel	9,514	16,510	74%
8	NTPC Ltd.	Power Generation	7,528	6,550	-13%
9	Numaligarh Refinery Ltd.	Petroleum (Refinery & Marketing)	6,045	5,525	-9%
10	Nuclear Power Corpn. Of India Ltd.	Power Generation	3,797	5,061	33%
	Other (75 CPSEs)		**19,561**	**24,721**	**26%**
	Grand Total		**3,88,652**	**3,90,565**	**0.49%**

3.3.10 Dividend Declared

The total Dividend declared by CPSEs in this Sector has increased by around 47%. The share of dividend declared across various Cognate Groups for the FY 2020-21 and FY 2021-22 is provided in **Figure-3.20.**

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



Chemicals & Pharmaceuticals has the highest share from this sector in terms of Dividend declared followed by Steel and Industrial and Consumer Goods. 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	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Bharat Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	4,555	14,751	224%
2	Indian Oil Corporation Ltd.	Petroleum (Refinery & Marketing)	9,640	9,641	-
3	NTPC Ltd.	Power Generation	5,531	6,933	25%
4	Steel Authority of India Ltd.	Steel	413	3,428	730%
5	Hindustan Petroleum Corpn. Ltd.	Petroleum (Refinery & Marketing)	1,486	3,227	117%
6	NHPC Ltd.	Power Generation	1,577	1,667	6%
7	Nuclear Power Corpn. Of India Ltd.	Power Generation	1,323	1,347	2%
8	Hindustan Aeronautics Ltd.	Heavy & Medium Engineering	1,003	1,338	33%
9	Bharat Electronics Ltd.	Heavy & Medium Engineering	1,023	1,023	-
10	Numaligarh Refinery Ltd.	Petroleum (Refinery & Marketing)	2,759	736	-73%
	Other (75 CPSEs)		**4,160**	**4,989**	**20%**
	Grand Total		**33,471**	**49,080**	**47%**

3.4 Services

The Services Sector has 7 cognate groups which comprise 138 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)

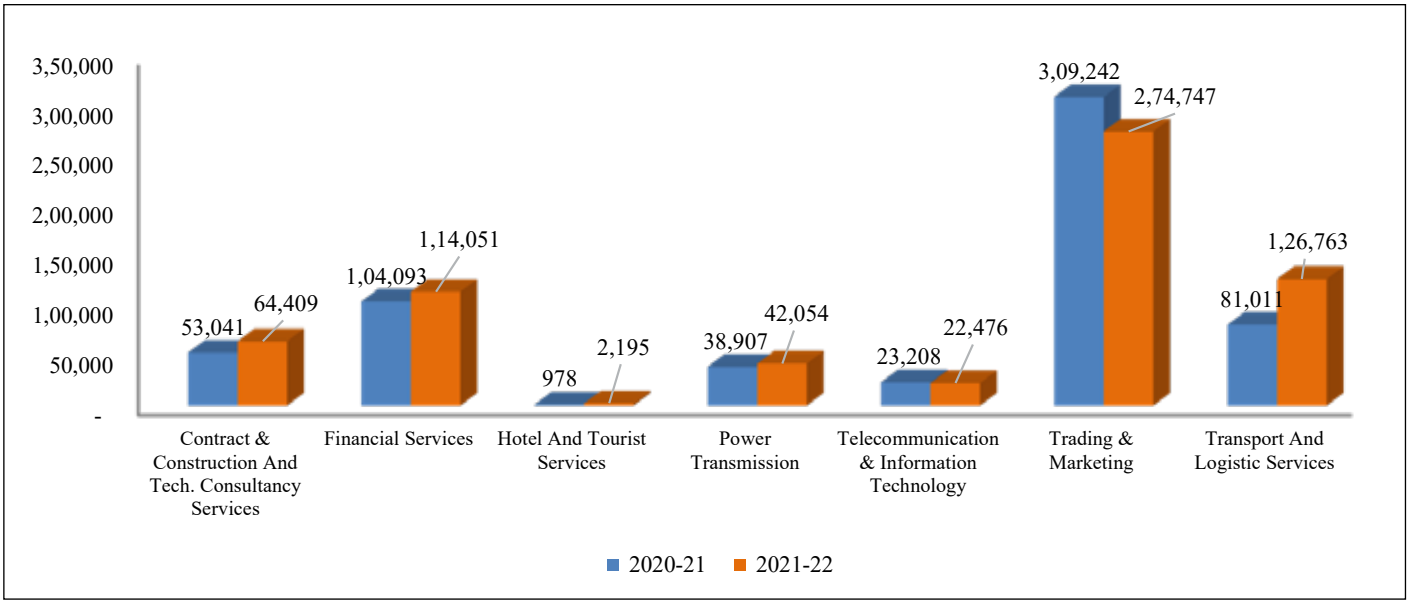
Services	2020-21	2021-22	Growth Rate (%)
Gross Turnover	6,10,480	6,46,695	6%
Net Profit	33,528	55,566	66%
Gross Block	7,62,075	8,00,520	5%
Value Addition	2,19,300	2,30,294	5%
Foreign Exchange Earnings	24,105	29,970	24%
Financial Investment	14,57,846	15,52,719	7%
Capital Employed	17,81,384	18,39,636	3%
Net Worth	4,22,966	4,56,723	8%
Contribution to Central Exchequer	53,473	40,075	-25%
Dividend declared	18,608	25,932	39%

As per the **Table 3.25** All the indicators in this Sector except Central Exchequer have shown a positive trend in FY 2021-22 as compared to FY 2020-21. The decline in Central Exchequer is mainly due to decline in the contribution by Food Corporation of India which was ₹ 21,888 Crore in FY 2020-21 and **'NIL'** in FY 2021-22 because there were neither WMA nor NSSF loan in 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 6%. 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, Financial Services and Power Transmission have shown an increase by 125%, 56%, 21%, 10% and 8% respectively whereas Telecommunication & Information Technology and Trading & Marketing have shown decrease by 3% and 11% respectively. Hotel and Tourist Services has reported highest increase in Gross Turnover in this Sector followed by Transport and Logistic Services and Contract & Construction and Tech. Consultancy Services. The list of top 10 CPSEs in terms of Gross Turnover in FY 2021-22 of the Sector is shown in **Table 3.26**.

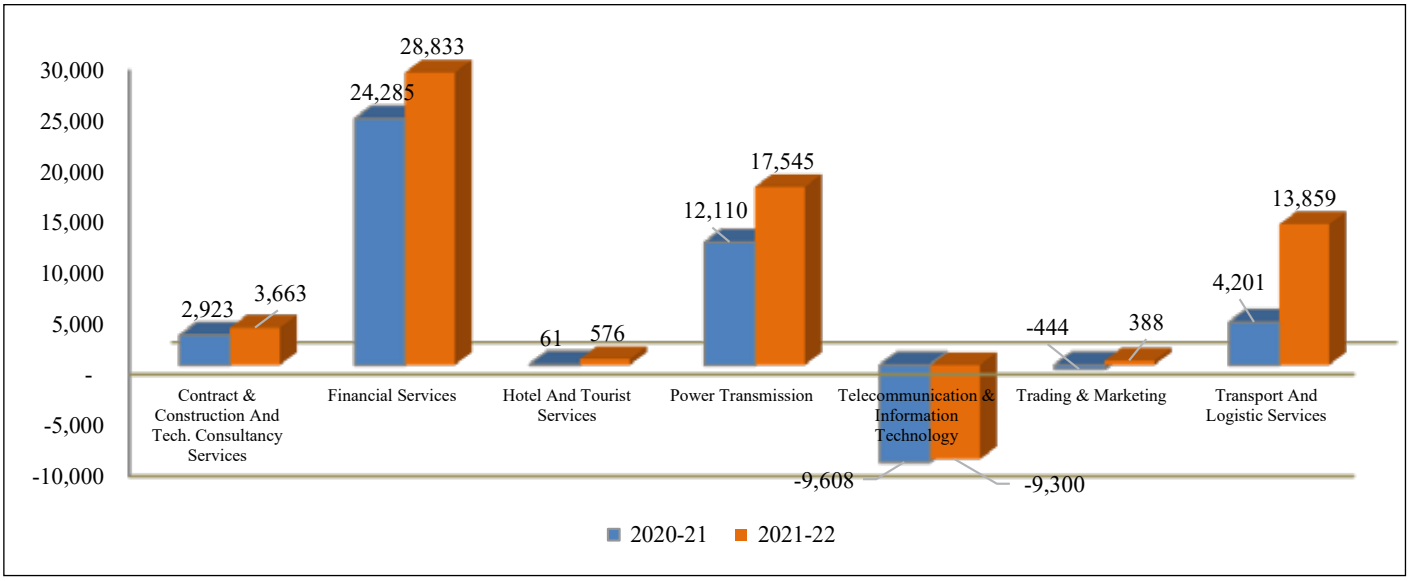
Table 3.26: Top 10 CPSEs in Services sector by Gross Turnover in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Food Corpn. Of India	Trading & Marketing	2,41,747	2,35,519	-3%
2	Gail (India) Ltd.	Transport And Logistic Services	56,738	91,646	62%
3	Power Grid Corporation of India Ltd.	Power Transmission	37,666	39,928	6%
4	REC Ltd.	Financial Services	35,388	39,132	11%
5	Power Finance Corporation Ltd.	Financial Services	37,745	38,545	2%
6	The Cotton Corpn. Of India Ltd.	Trading & Marketing	34,626	23,565	-32%
7	Indian Railway Finance Corporation Ltd.	Financial Services	15,770	20,298	29%
8	Rail Vikas Nigam Ltd.	Contract & Construction and Tech. Consultancy Services	15,404	19,382	26%
9	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	17,452	16,809	-4%
10	M M T C Ltd.	Trading & Marketing	26,382	8,393	-68%
	Other (128 CPSEs)		**91,563**	**1,13,477**	**24%**
	Grand Total		**6,10,480**	**6,46,695**	**6%**

3.4.2 Overall Net Profit

The overall Net Profit of CPSEs in this Sector has increased by around 66%. 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 is led by an increase in Net Profits from Hotel and Tourist Services, Transport and Logistic Services, Trading & Marketing, Power Transmission, Contract & Construction and Tech. Consultancy Services, and Financial Services by 847%, 230%, 187%, 45%, 25% and 19% respectively whereas Telecommunication & Information Technology shows a decline of 3%. Hotel and Tourist Services has reported highest increase in Net Profit in this Sector followed by Transport and Logistic Services, Power Transmission. The list of top 10 CPSEs in terms of Overall Net Profit in FY 2021-22 of the Sector is shown in **Table 3.27**.

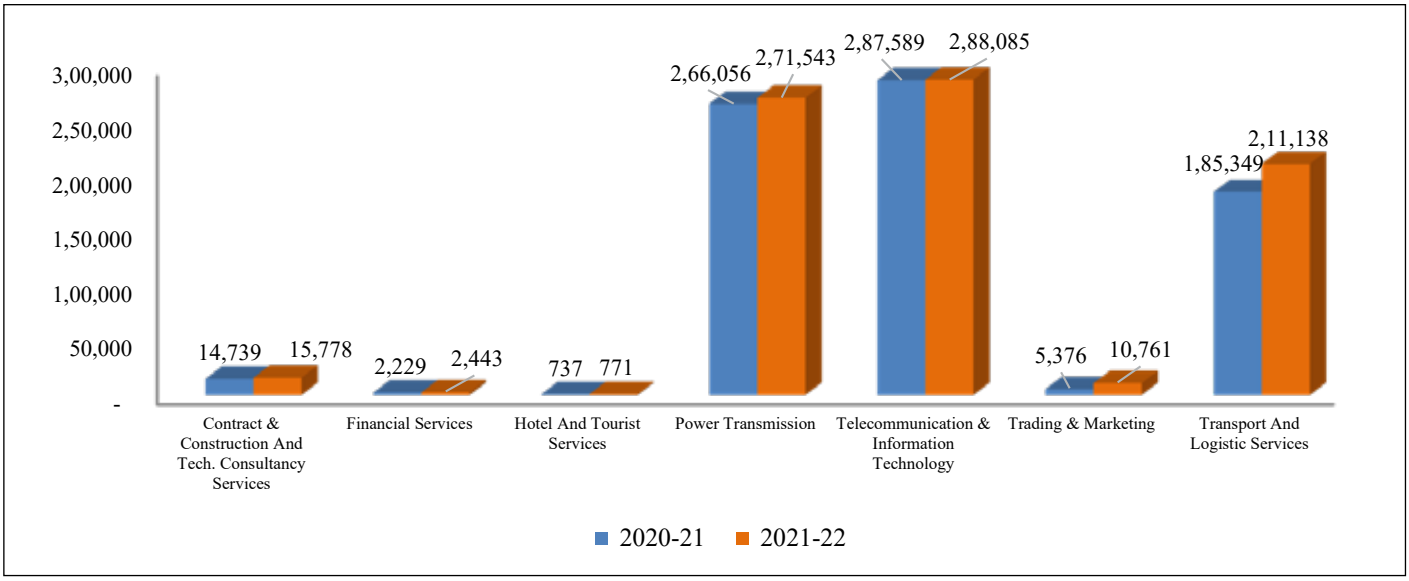
Table 3.27: Top 10 CPSEs in Services sector by Overall Net Profit in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation of India Ltd.	Power Transmission	11,936	17,094	43%
2	Gail (India) Ltd.	Transport And Logistic Services	4,890	10,364	112%
3	REC Ltd.	Financial Services	8,362	10,046	20%
4	Power Finance Corporation Ltd.	Financial Services	8,444	10,022	19%
5	Indian Railway Finance Corporation Ltd.	Financial Services	4,416	6,090	38%
6	Housing & Urban Dev. Corpn. Ltd.	Financial Services	1,579	1,717	9%
7	Rail Vikas Nigam Ltd.	Contract & Construction and Tech. Consultancy Services	941	1,087	16%
8	Container Corporation of India Ltd.	Transport And Logistic Services	503	1,062	111%
9	E. C. G. C. Ltd.	Financial Services	460	875	90%
10	AI Engineering Services Ltd.	Transport And Logistic Services	-17	837	5104%
	Other (128 CPSEs)		**-7,986**	**-3,628**	**55%**
	Grand Total		**33,528**	**55,566**	**66%**

3.4.3 Gross Block

The overall Gross Block of this Sector has increased by around 5%. 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. Trading & Marketing has reported highest increase in this Sector followed by Transport and Logistic Services and Financial Services. The list of top 10 CPSEs in terms of Gross Block in FY 2021-22 of the Sector is shown in **Table 3.28.**

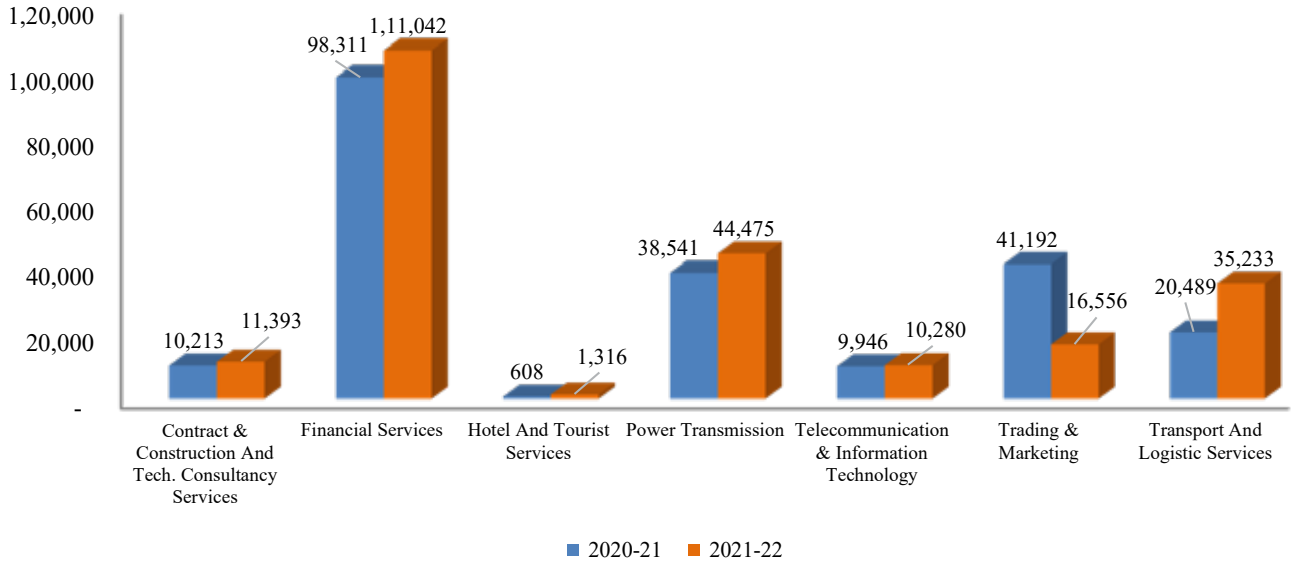
Table 3.28: Top 10 CPSEs in Services sector by Gross Block in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation of India Ltd.	Power Transmission	2,52,256	2,57,330	2%
2	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	2,43,058	2,39,770	-1%
3	Dedicated Fright Corridor Corp. Of India Ltd.	Transport And Logistic Services	51,884	65,481	26%
4	Gail (India) Ltd.	Transport And Logistic Services	57,730	64,201	11%
5	Airports Authority of India	Transport And Logistic Services	35,472	38,301	8%
6	Mahanagar Telephone Nigam Ltd.	Telecommunication & Information Technology	28,186	28,819	2%
7	Bharat Broadband Network Ltd.	Telecommunication & Information Technology	13,362	16,373	23%
8	Shipping Corporation of India Ltd.	Transport And Logistic Services	15,397	15,487	1%
9	Container Corporation of India Ltd.	Transport And Logistic Services	8,743	9,172	5%
10	Konkan Railway Corporation Ltd.	Contract & Construction and Tech. Consultancy Services	6,461	6,908	7%
	Other (128 CPSEs)		**49,527**	**58,678**	**18%**
	Grand Total		**7,62,075**	**8,00,520**	**5%**

3.4.4 Value Addition

The total Value Addition by CPSEs in this Sector has increased by around 5%. 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, Transport and Logistic Services, Power Transmission, Financial Services, Contract & Construction and Tech. Consultancy Services and Telecommunication & Information Technology have increased by 117%, 72%, 15%, 13%, 12% and 3% respectively. Hotel and Tourist Services has reported highest increase in this Sector followed by Transport and Logistic Services and Power Transmission. The list of top 10 CPSEs in terms of Value Addition in FY 2021-22 of the Sector is shown in **Table 3.29**.

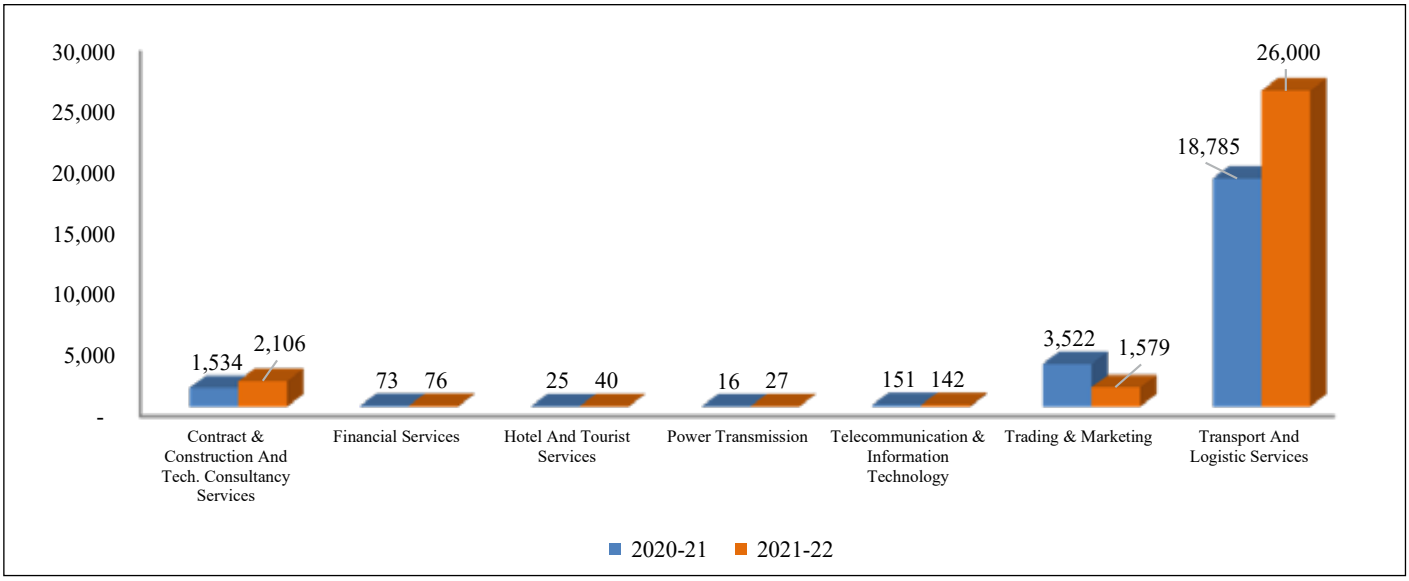
Table 3.29: Top 10 CPSEs in Services sector by Value Addition in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation of India Ltd.	Power Transmission	37,470	42,725	14%
2	REC Ltd.	Financial Services	34,819	38,128	10%
3	Power Finance Corporation Ltd.	Financial Services	37,104	37,347	1%
4	Indian Railway Finance Corporation Ltd.	Financial Services	15,669	20,191	29%
5	Gail (India) Ltd.	Transport And Logistic Services	10,279	17,941	75%
6	Food Corpn. Of India	Trading & Marketing	39,706	13,771	-65%
7	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	7,856	8,209	4%
8	Housing & Urban Dev. Corpn. Ltd.	Financial Services	2,370	6,860	189%
9	Airports Authority Of India	Transport And Logistic Services	2,603	5,709	119%
10	Indian Renewable Energy Devt. Agency Ltd.	Financial Services	2,554	2,771	8%
	Other (128 CPSEs)		**28,870**	**36,642**	**27%**
	Grand Total		**2,19,300**	**2,30,294**	**5%**

3.4.5 Foreign Exchange Earnings

The total Foreign Exchange Earnings of this Sector has increased by around 24%. 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, Hotel and Tourist Services, Transport and Logistic Services, Contract & Construction and Tech. Consultancy Services and Financial Services have increased by 67%, 61%, 38%, 37% and 4% respectively whereas Trading & Marketing and Telecommunication & Information Technology have shown a decline by 55% and 6% respectively. The list of top 10 CPSEs in terms of Foreign Exchange Earnings in FY 2021-22 of the Sector is shown in **Table 3.30.**

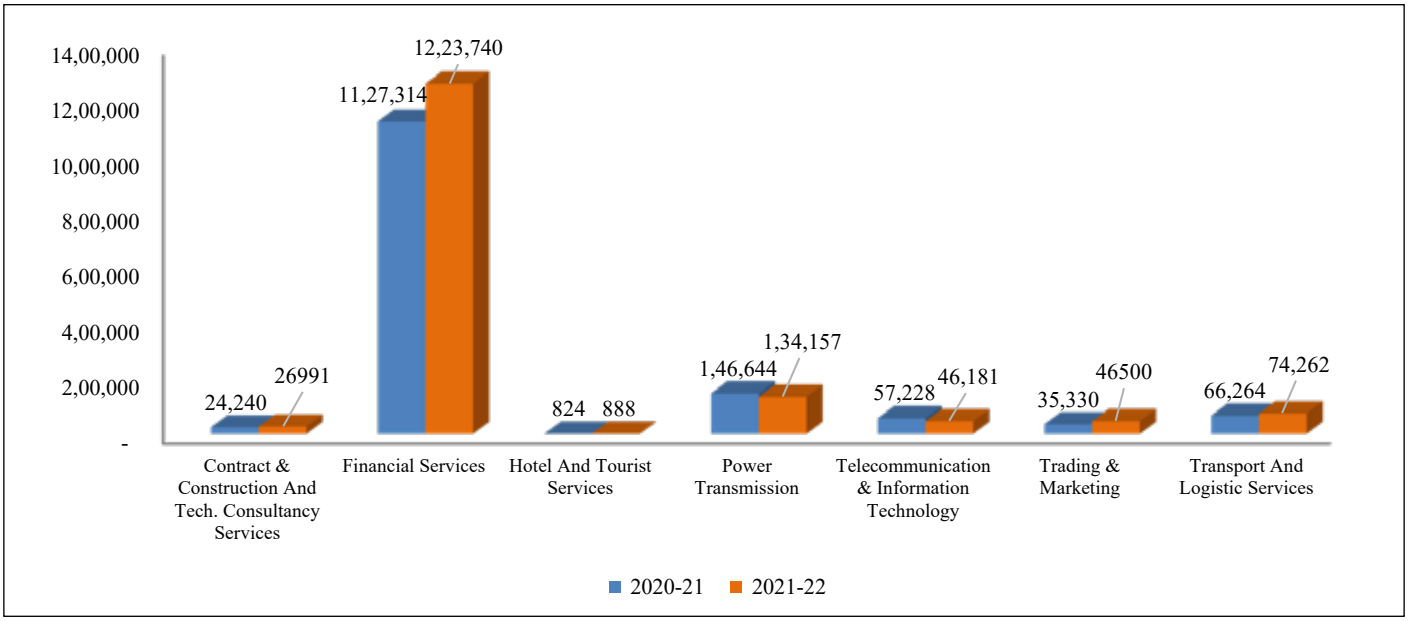
Table 3.30: Top 10 CPSEs in Services sector by Foreign Exchange Earnings in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Gail (India) Ltd.	Transport And Logistic Services	14,407	20,326	41%
2	Shipping Corporation of India Ltd.	Transport And Logistic Services	3,891	4,983	28%
3	NTPC Vidyut Vyapar Nigam Ltd.	Trading & Marketing	1,492	1,242	-17%
4	RITES Ltd.	Contract & Construction and Tech. Consultancy Services	172	1,049	509%
5	Airports Authority of India	Transport And Logistic Services	478	688	44%
6	IRCON International Ltd.	Contract & Construction and Tech. Consultancy Services	561	521	-7%
7	Engineers India Ltd.	Contract & Construction and Tech. Consultancy Services	344	285	-17%
8	Newspace India Ltd.	Trading & Marketing	162	259	60%
9	WAPCOS Ltd.	Contract & Construction and Tech. Consultancy Services	152	143	-6%
10	Telecommunications Consultants (India) Ltd.	Telecommunication & Information Technology	88	100	13%
	Other (128 CPSEs)		**2,357**	**375**	**-84%**
	Grand Total		**24,105**	**29,970**	**24%**

3.4.6 Financial Investment

The total Financial Investment in this Sector has increased by 7% during the FY 2021-22. 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)



Power Transmission and Telecommunication & Information Technology cognate groups have shown a decrease of 9% and 19% respectively while rest of the cognate groups have increased their financial investments. Trading & Marketing has reported highest increase in the Investment from this Sector. The list of top 10 CPSEs in terms of Financial Investments in FY 2021-22 of the Sector is shown in **Table 3.31.**

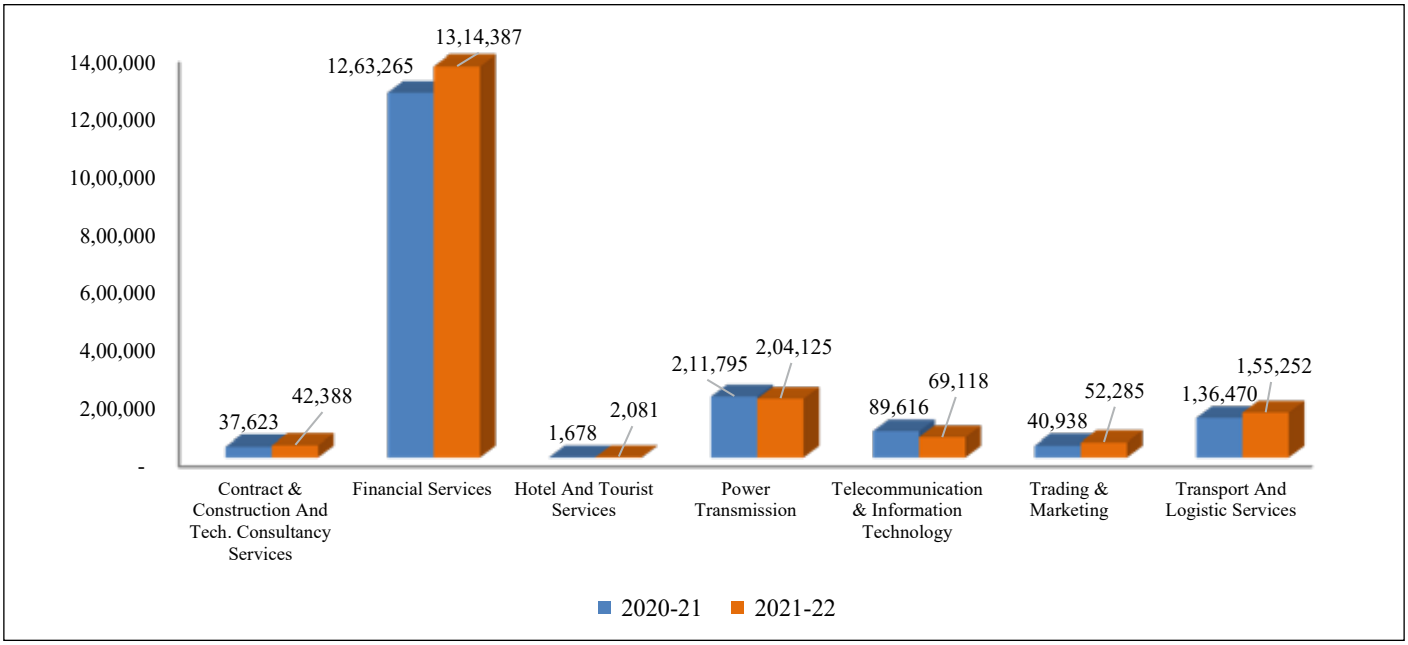
Table 3.31: Top 10 CPSEs in Services sector by Financial Investments in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Indian Railway Finance Corporation Ltd.	Financial Services	3,28,562	3,93,578	20%
2	Power Finance Corporation Ltd.	Financial Services	3,23,971	3,22,540	0%
3	REC Ltd.	Financial Services	3,13,220	2,82,610	-10%
4	Power Grid Corporation of India Ltd.	Power Transmission	1,34,312	1,21,175	-10%
5	Air India Assets Holding Ltd	Financial Services	21,985	77,350	252%
6	Housing & Urban Dev. Corpn. Ltd.	Financial Services	61,480	60,922	-1%
7	India Infrastructure Finance Co. Ltd.	Financial Services	43,925	49,256	12%
8	Dedicated Fright Corridor Corp. Of India Ltd.	Transport And Logistic Services	40,815	48,151	18%
9	Food Corpn. of India	Trading & Marketing	34,537	44,742	30%
10	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	37,634	28,240	-25%
	Other (128 CPSEs)		**1,17,405**	**1,24,155**	**6%**
	Grand Total		**14,57,846**	**15,52,719**	**7%**

3.4.7 Capital Employed

The total Capital Employed in this Sector has increased by 3%. 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, Trading & Marketing, Hotel and Tourist Services, Transport and Logistic Services, Contract & Construction and Tech. Consultancy Services and Financial Services have shown an increase by 28%, 24%, 14%, 13% and 4% respectively. Trading & Marketing has the highest share in this sector. The list of top 10 CPSEs in terms of Capital Employed in FY 2021-22 of the Sector is shown in **Table 3.32**.

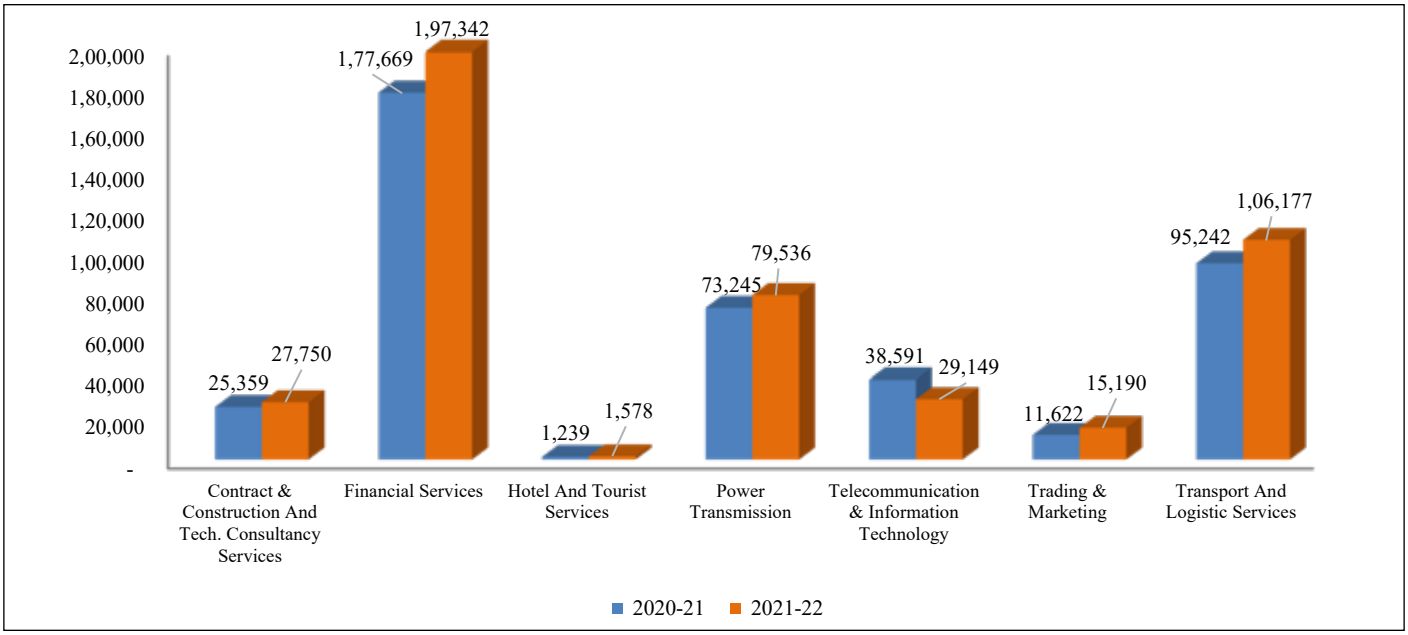
Table 3.32: Top 10 CPSEs in Services sector by Capital Employed in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Indian Railway Finance Corporation Ltd.	Financial Services	3,51,407	4,21,506	20%
2	Power Finance Corporation Ltd.	Financial Services	3,73,724	3,79,250	1%
3	REC Ltd.	Financial Services	3,54,671	3,31,621	-6%
4	Power Grid Corporation Of India Ltd.	Power Transmission	1,98,659	1,90,351	-4%
5	Housing & Urban Dev. Corpn. Ltd.	Financial Services	72,667	73,389	1%
6	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	84,324	67,936	-19%
7	Gail (India) Ltd.	Transport And Logistic Services	51,851	60,417	17%
8	India Infrastructure Finance Co. Ltd.	Financial Services	44,580	50,993	14%
9	Dedicated Fright Corridor Corp. of India Ltd.	Transport And Logistic Services	41,109	48,417	18%
10	Food Corpn. Of India	Trading & Marketing	34,516	44,721	30%
	Other (128 CPSEs)		**1,73,876**	**1,71,035**	-2%
	Grand Total		**17,81,384**	**18,39,636**	**3%**

3.4.8 Net Worth

The total Net Worth of CPSEs in this Sector has increased by around 8%. The Net Worth of cognate groups in Services sector is provided in **Figure 3.28.**

Figure 3.28: Change in Net Worth in 2020-21 & 2021-22 (₹ crore)



All the cognate groups in the Service Sector except Telecommunication & Information Technology have shown growth in their Net Worth. Trading & Marketing has reported highest increase in this Sector followed by Hotel and Tourist Services, Financial Services and Transport and Logistic Services. The list of top 10 CPSEs in terms of Net Worth in FY 2021-22 of the Sector is shown in **Table 3.33.**

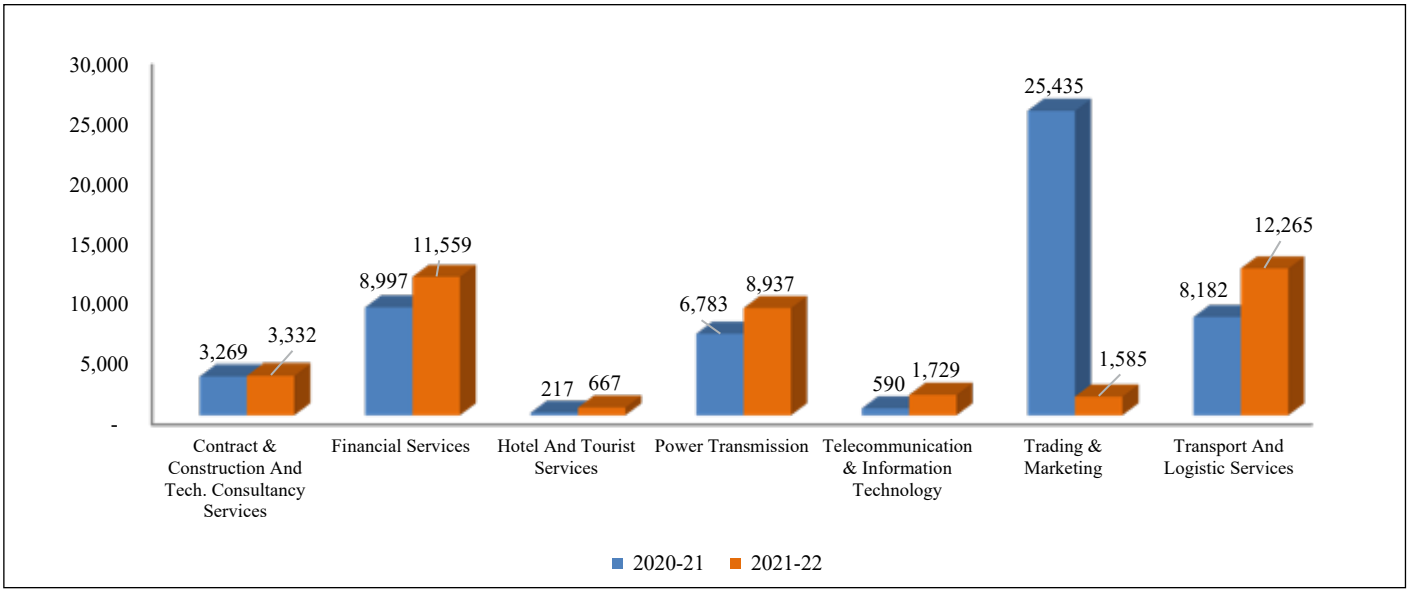
Table 3.33: Top 10 CPSEs in Services sector by Net Worth in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation of India Ltd.	Power Transmission	69,512	75,606	9%
2	Power Finance Corporation Ltd.	Financial Services	52,713	59,499	13%
3	Gail (India) Ltd.	Transport And Logistic Services	46,611	55,587	19%
4	REC Ltd.	Financial Services	43,526	51,225	18%
5	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	51,690	44,696	-14%
6	Indian Railway Finance Corporation Ltd.	Financial Services	35,913	40,996	14%
7	Housing & Urban Dev. Corpn. Ltd.	Financial Services	13,189	14,468	10%
8	Dedicated Fright Corridor Corp. Of India Ltd.	Transport And Logistic Services	14,371	14,342	0%
9	Airports Authority of India	Transport And Logistic Services	12,869	12,246	-5%
10	India Infrastructure Finance Co. Ltd.	Financial Services	10,654	11,737	10%
	Other (128 CPSEs)		**71,918**	**76,319**	**6%**
	Grand Total		**4,22,966**	**4,56,723**	**8%**

3.4.9 Contribution to Central Exchequer

The total Contribution to Central Exchequer from this Sector has declined by around 25%. 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)



Hotel and Tourist Services has the highest share in the Contribution to Central Exchequer from this Sector followed by Telecommunication & Information Technology and Transport and Logistic Services. The list of top 10 CPSEs in terms of Contribution to Central Exchequer in this Sector is shown in **Table 3.34.**

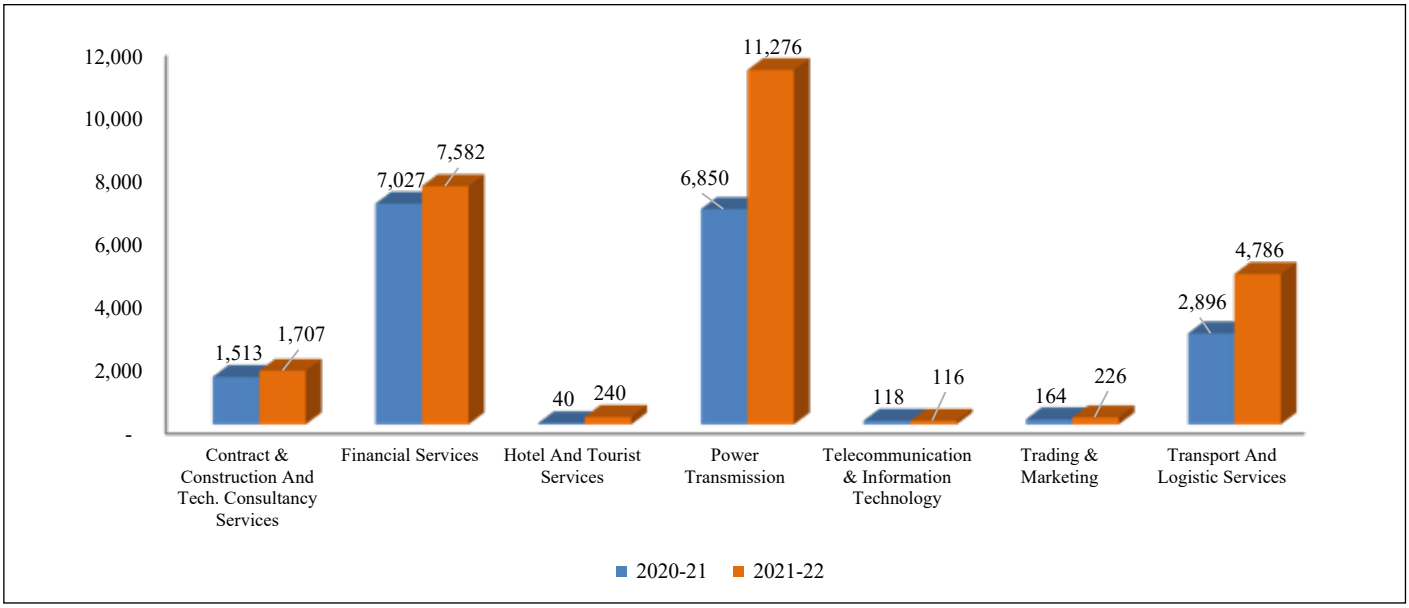
Table 3.34: Top 10 CPSEs in Services sector by Contribution to Central Exchequer in FY 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation Of India Ltd.	Power Transmission	6,714	8,860	32%
2	Gail (India) Ltd.	Transport And Logistic Services	5,220	8,665	66%
3	Indian Railway Finance Corporation Ltd.	Financial Services	1,756	3,869	120%
4	REC Ltd.	Financial Services	2,721	3,229	19%
5	Power Finance Corporation Ltd.	Financial Services	2,747	2,373	-14%
6	Airports Authority of India	Transport And Logistic Services	852	1,360	60%
7	Bharat Sanchar Nigam Ltd.	Telecommunication & Information Technology	-	1,056	-
8	Container Corporation of India Ltd.	Transport And Logistic Services	837	1,050	26%
9	Rail Vikas Nigam Ltd.	Contract & Construction and Tech. Consultancy Services	953	802	-16%
10	Housing & Urban Dev. Corpn. Ltd.	Financial Services	983	797	-19%
	Other (128 CPSEs)		**30,691**	**8,014**	**-74%**
	Grand Total		**53,473**	**40,075**	**-25%**

3.4.10 Dividend Declared

The total Dividend declared by CPSEs in Service sector has increased by around 39%. The Dividend declared by cognate groups in Services sector for the FY 2021-22 is provided 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 Transport and Logistic Services and Power Transmission. 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 2021-22

S. No.	CPSEs Name	Cognate Group	2020-21 (₹ crore)	2021-22 (₹ crore)	Growth Rate (%)
1	Power Grid Corporation of India Ltd.	Power Transmission	6,822	10,812	58%
2	Gail (India) Ltd.	Transport And Logistic Services	2,238	3,996	79%
3	Power Finance Corporation Ltd.	Financial Services	2,112	3,366	59%
4	REC Ltd.	Financial Services	2,172	2,411	11%
5	Indian Railway Finance Corporation Ltd.	Financial Services	1,872	1,006	-46%
6	Container Corporation of India Ltd.	Transport And Logistic Services	356	487	37%
7	Housing & Urban Dev. Corpn. Ltd.	Financial Services	621	435	-30%
8	Rail Vikas Nigam Ltd.	Contract & Construction and Tech. Consultancy Services	475	421	-11%
9	Rites Ltd.	Contract & Construction and Tech. Consultancy Services	366	421	15%
10	Ircon International Ltd.	Contract & Construction and Tech. Consultancy Services	158	334	111%
	Other (128 CPSEs)		**1,415**	**2,241**	**58%**
	Grand Total		**18,608**	**25,932**	**39%**

Research & Development and Projects under Implementation

4

Chapter 4

Research & Development and Projects under Implementation

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 ₹4,037.64 crores during FY 2019-20 to ₹6,893.50 crores in FY 2021-22 recorded 70.73% growth over the period. Substantial progress has been reported in R&D expenditure during FY 2021-22 showing 40.95% increase in total expenditure.

Cognate group-wise expenditure on R&D

The detailed cognate group-wise statement, indicating the expenditure on R&D in absolute terms and as a percentage of revenue/ sales is given in **Table 4.1**.

Table 4.1: Cognate group & CPSE wise expenditure on R&D from FY 2021 to 2022 (in ₹ Crores).

S. No.	Cognate Groups/CPSEs	FY 2019-20		FY 2020-21		FY 2021-22	
		R&D Expenditure	R&D as % of Sales	R&D Expenditure	R&D as % of Sales	R&D Expenditure	R&D as % of Sales
	Chemicals & Pharmaceuticals						
1	Bengal Chemicals & Pharmaceuticals Ltd.	0.11	0.16	0.15	0.24	0.16	0.26
2	Bharat Immunologicals & Biologicals Corp. Ltd.	0.52	0.78	0.53	0.62	0	0
3	HIL (India) Ltd.	0.04	0.01	0.02	0.01	0.02	0.01
4	Hindustan Antibiotics Ltd.	1.28	2.35	0.97	1.16	0.83	0.8
5	Karnataka Antibiotics & Pharmaceuticals Ltd.	1.25	0.29	0	0	0	0
	Coal						
6	Central Coalfields Ltd.	0	0	0	0	0.2	0
7	Coal India Ltd.	8.65	1.02	27.06	4.23	31.22	2.76
8	Mahanadi Coalfields Ltd.	0.02	0	0.46	0	0.35	0
9	Western Coalfields Ltd.	0.27	0	0	0	0	0
	Contract & Construction And Tech. Consultancy Services						
10	Bridge & Roof Co.(India) Ltd.	0	0	0	0	0.85	0.03
11	Engineers India Ltd.	24.31	0.76	26.36	0.85	26.05	0.91
12	National Small Industries Corpn. Ltd.	0	0	0	0	2.12	0.08
13	NBCC (India) Ltd.	3.84	0.07	1.06	0.02	0	0

(Cont.)

S. No.	Cognate Groups/CPSEs	FY 2019-20		FY 2020-21		FY 2021-22	
		R&D Expenditure	R&D as % of Sales	R&D Expenditure	R&D as % of Sales	R&D Expenditure	R&D as % of Sales
	Crude Oil						
14	Oil & Natural Gas Corporation Ltd.	555.77	0.58	554.13	0.81	513.31	0.47
15	Oil India Ltd.	0	0	0	0	100.96	0.69
	Fertilizers						
16	Fertilizers & Chemicals (Travancore) Ltd.	0.92	0.03	0.59	0.02	0.76	0.02
17	Madras Fertilizers Ltd.	0	0	0	0	0.05	0
18	National Fertilizers Ltd.	0	0	0	0	0.15	0
19	Rashtriya Chemicals And Fertilizers Ltd.	5.06	0.05	2.48	0.03	35.47	0.28
	Heavy & Medium Engineering						
20	Advanced Weapons And Equipment India Limited	0	0	0	0	7.17	0.66
21	Armoured Vehicles Nigam Limited	0	0	0	0	2.22	0.09
22	Balmer Lawrie & Co. Ltd.	7.78	0.51	8.30	0.55	7.91	0.39
23	BEL Optronics Devices Ltd.	0	0	0.12	0.2	0.14	0.24
24	Bharat Dynamics Ltd.	73.87	2.38	42.95	2.24	48.15	1.71
25	Bharat Heavy Electricals Ltd.	766.52	3.57	726.49	4.2	699.57	3.3
26	Braithwaite & Co. Ltd.	0	0	0	0	2.43	0.32
27	Electronics Corpn. Of India Ltd.	23.9	1.44	17.55	1.17	18.63	1.16
28	Garden Reach Shipbuilders & Engineers Ltd.	0	0	5.03	0.44	12.92	0.74
29	Goa Shipyard Ltd.	7.22	0.78	9.33	1.08	8.17	1.1
30	Heavy Engineering Corpn. Ltd.	0	0	0	0	0.71	0.38
31	Hindustan Aeronautics Ltd.	1,231.96	5.74	1,687.4	7.37	1,966.91	7.99
32	Hmt Machine Tools Ltd.	1.13	0.64	1.61	0.97	1.56	1.02
33	I T I Ltd.	12.99	0.63	10.34	0.44	19.46	1.05
34	Mazagon Dock Shipbuilders Ltd.	91.77	1.87	82.42	2.04	75.24	1.31
35	Rajasthan Electronics And Instruments Ltd.	3.03	2.73	3.11	2.11	3.79	2.30
36	Scooters India Ltd.	1.23	1.71	0	0	0	0
	Industrial And Consumer Goods						
37	Artificial Limbs Mfg. Corpn. Of India	0.53	0.17	0	0	1.42	0.43
38	Hindustan Newsprint Ltd.	0.36	0.22	0.36	0.22	0	0
39	Hindustan Salts Ltd.	0.02	0.55	0.04	0.32	0	0
40	HLL Lifecare Ltd.	3.22	0.19	3.67	0.07	5.28	0.01
41	Nepa Ltd.	0	0	0.62	3.57	0.62	3
	Other Minerals & Metals						
42	FCI Aravali Gypsum & Minerals (India) Ltd.	1	2.79	0	0	0	0
43	Hindustan Copper Ltd.	1.17	0.14	0.8	0.04	1.68	0.09
44	IREL (India) Ltd.	1.72	0.17	1.74	0.18	19.81	1.34
45	KIOCL Ltd.	0	0	0	0	11.42	0.38
46	Moil Ltd.	5.48	0.53	6.21	0.53	12.01	0.84

(Cont.)

S. No.	Cognate Groups/CPSEs	FY 2019-20		FY 2020-21		FY 2021-22	
		R&D Expenditure	R&D as % of Sales	R&D Expenditure	R&D as % of Sales	R&D Expenditure	R&D as % of Sales
47	National Aluminium Company Ltd.	13.55	0.16	12.62	0.14	65.21	0.46
48	NMDC Ltd.	30.79	0.26	29.2	0.19	327.1	1.26
49	Uranium Corporation Of India Ltd.	0	0	0	0	11.22	0.44
	Petroleum (Refinery & Marketing)						
50	Bharat Petroleum Corpn. Ltd.	92.18	0.03	86.64	0.04	219.82	0.06
51	Chennai Petroleum Corporation Ltd.	4.81	0.01	0	0	0	0
52	Hindustan Petroleum Corpn. Ltd.	257.92	0.1	295.66	0.13	363.7	0.1
53	Indian Oil Corporation Ltd.	267	0.05	506.57	0.13	802.14	0.13
54	Mangalore Refinery & Petrochemicals Ltd.	7.1	0.01	0.76	0	1.01	0
55	Numaligarh Refinery Ltd.	0	0	0	0	2.73	0.01
	Power Generation						
56	NHDC Ltd.	0	0	0	0	0.02	0
57	NHPC Ltd.	3.89	0.04	2.09	0.02	3.38	0.04
58	NLC India Ltd.	24.45	0.31	21.7	0.3	23.26	0.24
59	North Eastern Electric Power Corporation Ltd.	0.32	0.01	0	0	0.15	0
60	NTPC Ltd.	183.34	0.18	185.78	0.19	219.53	0.19
61	Nuclear Power Corpn. Of India Ltd.	13.39	0.1	10.75	0.08	33.49	0.22
62	SJNV Ltd.	0	0	0	0	30.12	1.24
63	THDC India Ltd.	0	0	4.52	0.25	3.46	0.18
	Power Transmission						
64	Power Grid Corporation Of India Ltd.	9.54	0.03	4.55	0.01	0.34	0
65	Power System Operation Corporation Ltd.	0	0	0	0	0.09	0.03
	Steel						
66	Mishra Dhatu Nigam Ltd.	3.32	0.47	5.74	0.71	6.82	0.79
67	Rashtriya Ispat Nigam Ltd.	20.89	0.13	19.86	0.11	24.21	0.09
68	Steel Authority Of India Ltd.	0	0	340.28	0.49	742.9	0.72
	Telecommunication & Information Technology						
69	Bharat Sanchar Nigam Ltd.	94.5	0.53	0	0	0	0
	Transport And Logistic Services						
70	Central Warehousing Corpn.	0	0	0	0	11.77	0.55
71	Container Corporation Of India Ltd.	3.76	0.06	1.03	0.02	14.96	0.2
72	GAIL (India) Ltd.	66.41	0.09	9.2	0.02	243.69	0.27
	Transportation Vehicle & Equipment						
73	BEML Ltd.	103.54	3.42	132.66	3.69	102.66	2.37
	Grand Total	**4,037.64**		**4,891.51**		**6,893.50**	

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 Heavy & Medium Engineering cognate group, which stood at ₹2,874.98 crore in FY 2021-22, contributing to 42% of the total expenditure by all cognate groups. This was followed by the Petroleum (Refinery & Marketing) & Steel cognate groups, each incurring an expenditure of ₹1,389.40 crore & ₹773.93 crore, respectively. The top three cognate groups together contributed 73% of the total R&D expenditure.

Hindustan Aeronautics Ltd incurred the highest R&D expenditure for FY 2021-22, amounting to ₹1,966.91 crore, followed by Indian Oil Corporation Ltd. (₹802.14 crore). **Figure 4.1** below shows the leading CPSEs who contribute more in R&D Expenditure in FY 2021-22.

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

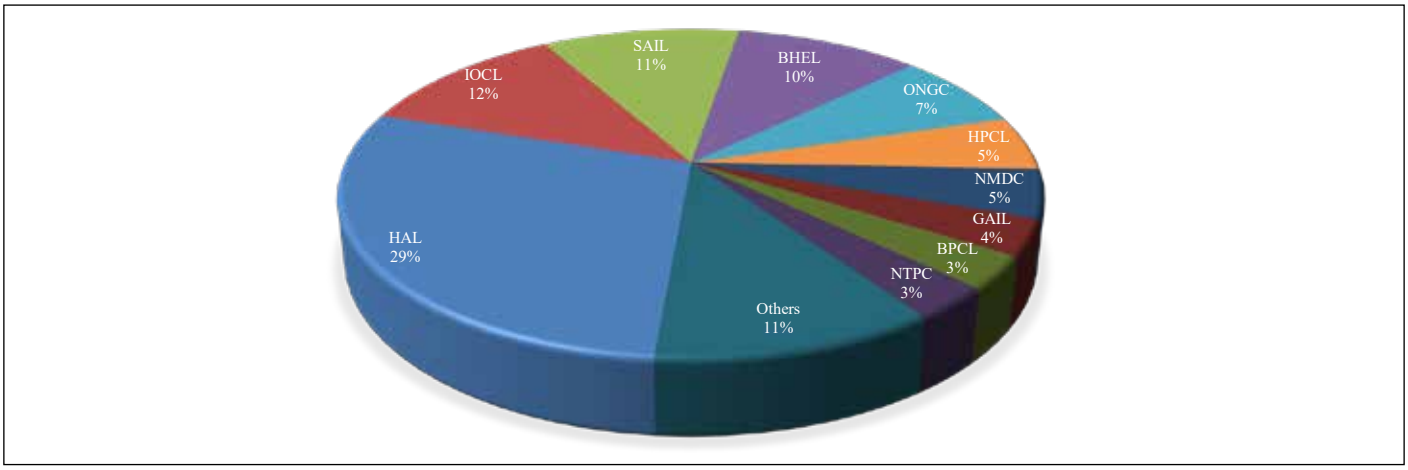
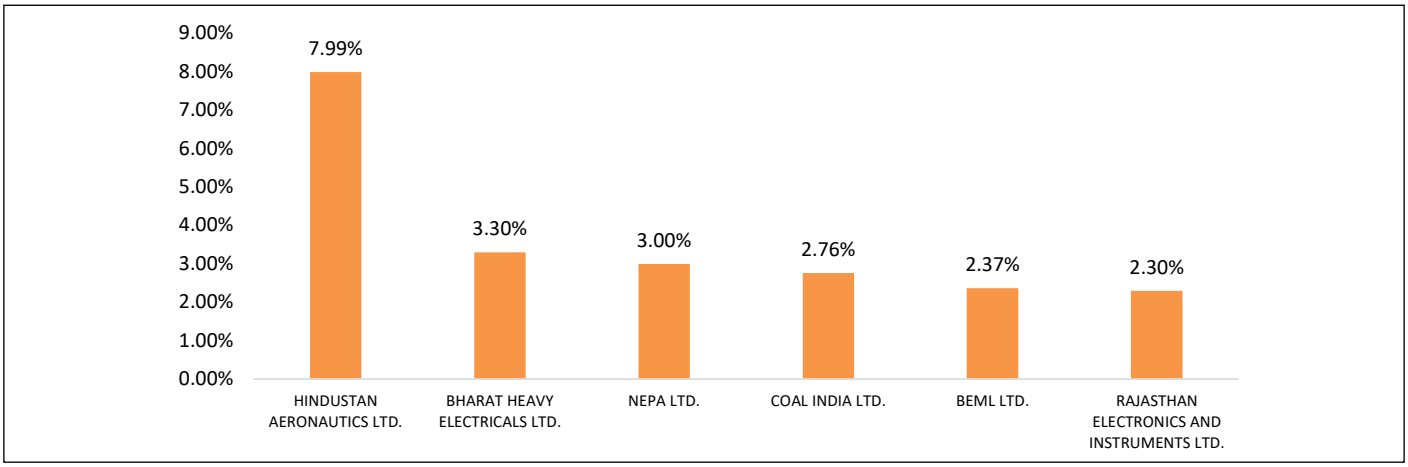


Figure 4.2 below shows the CPSEs incurred R&D expenditure as a percent of their sales/revenue more than 2%. There are six CPSEs, which reported the percentage R&D expenditure to sales more than 2%.

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.

HEAVY & MEDIUM ENGINEERING

A. Hindustan Aeronautics Ltd

- **Basic Trainer Aircraft (HTT-40)**: HTT – 40 is the Basic Trainer aircraft indigenously designed and developed by HAL. Features of the aircraft include Air conditioned cockpit, Tandem seating, zero-zero ejection seats, Canopy severance system and Multifunction Displays. A total of 3 prototypes have been built which includes two flying prototype and one Structural Test Specimen (STS).
- **Light Combat Aircraft (LCA)MK 1A:** LCA MK1A is a variant of indigenously developed LCA MK1 presently being developed by HAL. It is a single engine, light weight, highly agile, multi-role supersonic fighter. It has quadruplex digital fly-by-wire Flight Control System (FCS) with associated advanced flight control law and with extensive use of advanced composites in the airframe gives a high strength to weight ratio, long fatigue life & low radar signatures. Contract for supply of 83 LCA MK 1A aircraft was signed in Feb 2021, against which activities towards production have commenced. First flight of the LCA MK1A prototype (LCA SP-25 aircraft modified for MK1A features) was held on 20th May 2022.
- **Light Utility Helicopter (LUH):** The LCH is a dedicated combat helicopter indigenously designed and developed by

HAL. LCH has the distinction of being the first attack helicopter to land Siachen at a height of 4700 mtrs. Four Technology Demonstrators (TDs) have been built and were extensively flight tested. The LUH will be deployed for Reconnaissance and Surveillance role.

- **UAVs:-** HAL is working on various design and development projects related to UAVs towards meeting the current and future UAV requirements of Indian Armed Forces, through collaborative as well as in-house R&D efforts. Major programs include rotary UAVs, MALE, HALE UAVs, RUAVs etc. Another upcoming program in this segment is CATS-W (Combat Aircraft Teaming System -Warrior) which is a teaming up of manned/ unmanned assets for futuristic war scenarios, for which design and development activities are initiated.
- **25 kN Turbofan Engine (HTFE-25):** Design & development of a 25kN thrust class turbofan engine, which can be used on Basic/ Advanced military trainers, on small business jets & also large UAV applications is under progress at HAL. The engine can be used on a 5-ton weight class aircraft in single engine configuration & on aircraft of up to nine ton weight class with twin-engine configuration. Recently, high altitude tests are completed at Leh.
- **1200 kW Turbofan Engine (HTSE-1200):** HAL has also taken up the Design and Development of 1200KW Turbo shaft engine which would be suitable as power plant for 3 to 6 ton category helicopters. Maximum speed of 100% RPM is achieved and further tests are progressing. Recently, high altitude tests are completed at Leh. Run of Power mode engine to 80% of the speed achieved. Turbine testing at NAL also completed and Speed upto 105% completed.

B. Bharat Heavy Electricals Ltd.

- BHEL has indigenously designed, installed and demonstrated a 0.25 TPD methanol generation technology demonstration plant using high ash Indian Coal at Hyderabad. The plant has produced Methanol with purity of more than 99%. Conversion of high ash Indian coal to methanol through gasification route is the first of its kind technology demonstration in India.
- BHEL has manufactured and supplied electrics for 3-phase Ethernet-based AC Mainline Electric Multiple Unit (MEMU) train with state-of-the-art Train Control Management System and Regenerative Braking system.
- BHEL has developed a compact 122 kW DC fast charger for charging Electric Vehicles (EVs) to meet the emerging way side charging infrastructure business, which has successfully passed the certification tests at ARAI, Pune.
- BHEL has developed 3-5 kW Proton Exchange Membrane (PEM) Fuel Cell Stack with high power density fuel cell for E-mobility applications.
- Successfully developed 4 inch C150 Class Motor Operated Gate valve and tested at Fluid Control Research Institute (FCRI), Palakkad for Nuclear power plants applications.
- Successfully designed, manufactured & tested highest rating 1605 kW / 6.6 KV motor for export project, in line with IS/IEC 60079-7:2015 with additional purge facility for hazardous area application motors.

"Make in India" initiatives:

- Indigenously designed, manufactured and tested prototype slurry recirculation pump for handling wet limestone based slurry for FGD application.
- Developed aero-thermal design of top pressure recovery turbine (TRT) of 30 MW capacity and generation of performance maps with inlet guide vane mechanism (IGV) for blast furnace application in steel sector.
- Developed aero Mechanical design of motor driven multistage axial compressor 5,40,000 Nm3/Hr capacity with multistage guide vane system for blast furnace application in steel sector.
- Completed design and development of Oxidation blower with handling air capacity of 9650 Nm3/ hr with Shear ring design for 1x660 MW Flue Gas Desulphurization (FGD) applications.

Import substitution initiatives

- Developed, tested and supplied one Air to Air Heat Exchanger (AAHE) for Su-30MKI aircraft.
- Developed Pre-cooler for Advanced Light Helicopter.
- BHEL has developed a cost effective corrosion resistant polymer coating to replace imported and expensive C276 (Ni- based

super alloy) cladded plate in Flue Gas Desulphurization (FGD) system. These polymer coatings can be applied easily on large areas using airless spray system and maintenance is also simpler.

- BHEL's largest size 7 meter in diameter Kaplan turbine has been successfully developed for Polavaram HEP Project (12 x 80 MW). Hydraulic profile development of the turbine was a challenge as the spiral casing and draft tube had to be redesigned to be compatible with the existing civil structure already constructed for another OEM.
- Supplied, constructed, erected and Commissioned Concrete Volute Pumps (CVP) large size pumps with a flow capacity of 45,500 m3/hr per pump for 800MW power plant applications and performance guarantee tests have also been completed.
- Successful completion of design and engineering of a compact, modular design 420 kV hybrid gas insulated switchgear (HGIS).
- BHEL has indigenously designed and developed steam turbine and valve modules for 210 MW LMZ old Russian design turbine sets to address energy efficient Renovation & Modernization (R&M) and Life Extension of the existing old thermal power plants.
- Developed process for making carbon nanotube fibre and non- woven mat for various applications.
- BHEL is a core member of consortium of CoE at IIT Kharagpur for projects related to Additive Manufacturing and has successfully completed development of model for 3D Closed Compressor Impeller & clamping piece for LP steam turbine rotor
- 30 Nos of CNC machines across 8 manufacturing units have been connected through in-house developed MOLA software based IIoT system. This will be used for monitoring utilization & predictive maintenance of CNC machines, to enhance their productivity.
- To improve the design of BHEL offerings, following analyses have been completed successfully:
  - Seismic and thermal Analysis of Nuclear Valves for meeting customer qualification requirement
  - Shock and vibration analysis of AC Machine starting panel of 1 MW Main Motor Generator(MMG) for strategic applications.
  - Design analysis of indigenously developed traction motor IM3003AZ (270 kW) for Semi High Speed Train
- In the area of Knowledge Based Engineering (KBE), following initiatives have been completed:
  - Design automation of rotor assembly of induction motor
  - Assembly sequencing of cooling water pumps
  - Design automation of wound stator assembly of hydro generator (5 MW – 400 MW) covering all variants
  - Development of integrated application for engineering design automation of 3phase induction motor for EMU, MEMU and DEMU

C. Rajasthan Electronics and Instruments Ltd.

- Advanced DPU - Bluetooth Interface R&D developed Advance DPU with Bluetooth communication between ADPU and peripheral devices to remove physical cable connection. The problem of communication break reported from the field between the ADPU and peripheral devices due to Bluetooth modules. The new development of the Bluetooth module based on mesh network NRF-BLE technology was planned in order to remove above problems and developed through the third party. After complete and successful implementation in the ADPU, the product has been released.
- Development of Oxygen Concentrator: Oxygen concentrator is a medical device which is used to supply oxygen to people who are suffering from COPD, Asthma, Emphysema, cystic fibrosis, Covid-19. This product is a great Solution to provide oxygen to up to 5 people simultaneously in the hospital with oxygen flow rate up to 20-25 LPM with 92-96 % concentration. REIL also signed an agreement with the ISRO for the technology transfer of the oxygen concentrator. REIL has been awarded as the semi-finalist for the development of an oxygen concentrator by SKOCH.
- Product up gradation of Advanced DPU - Wi-Fi Module upgradation, BMC Data Logger - Cost optimization - Alternate

sources/Design upgradations and BMC Data Logger - Software - Email/SMS support.

- Trial Production/ Initial Production of Buffer less EMAT, EMA-WCS (EMA without Calibration with Plunger/Syringe) and EMA-Sensors.
- Engineering & documentation: The product documentation plays a critical role in ensuring consistency in manufacturing and operation. The R&D center manages the Document Archive and extends support to various divisions on a need basis. Besides above, Engineering activities like re-engineering, cost optimization through development of alternate sources, safeguarding the intellectual property of the company etc are also undertaken by the R&D Center. The R&D is also maintaining a library of technical books, journals, standards etc for reference of the developers.

PETROLEUM (REFINERY & MARKETING)

D. Indian Oil Corporation Ltd.

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

- **Developments in Lubricants**: 68 OEMs & Customers approvals obtained for automobile / industrial / Defense /grease / MWO lubricants. 135 formulations issued during 2021-22.
- **Patents**: In year 2021-22, the research pursuits resulted in 225 patents filed (31 in India and 194 overseas) taking total filed patents to 1519 till 31st March 2022. 155 patents were granted taking IndianOil's patent portfolio of effective patents till date to 1410.
- **Refining Technology Implementation**: In-house developed Delayed Coker Technology was selected by NRL for the revamp of its DCU from 0.306 to 0.56 MMTPA. PGTR of 1.2 MMTPA grassroots indeDiesel® unit at Haldia Refinery for BS-VI Diesel & 35 kTA grassroots INDAdeptG unit at Guwahati Refinery for BS-VI gasoline production. A 235 kTA grassroots indDSN® unit using in-house developed hydrotreating catalyst successfully commissioned at Bongaigaon refinery. I-Quick" software developed in-house for fast prediction of crude assay data & properties. Development of Basic Design & Engineering Package (BDEP) for following major technologies:
  - 170 kTA NeecoMax unit at ParadipRefinery
  - 102 kTA Octamax unit at GujaratRefinery
  - Revamp of 700 kTA DHDS unit to 400 kTA Selective Mild Hydro-Cracking (S-MHC) unit at Panipat Refinery
  - 135 TPD IBG-Max Plant at Barsana and 200 kg/day IBG-Plus plant at SDI, Bhubaneswar
  - 5 KLPD BioXeed (Inoculant) unit and 120 KLPD Enzyme unit for 2G Ethanol production at Panipat Refinery
- **Fuel Differentiation**: Winter Grade BS-VI diesel meeting specifications developed for production at Panipat Refinery. XP95 and XP100 high octane premium petrol developed and launched commercially to significantly enhance engine performance, give better drivability, enhanced fuel economy and engine life
- **Pipeline Research:** In-house developed 28-inch inline inspection tool (IPIG) based on Magnetic Flux Leakage (MFL). An Inertial Measurement Unit (IMU) integrated with 24" IPIG and demonstrated successfully in Sidhpur-Sherpura section of WRPL to provide GPS coordinates feature of defects
- **Alternative Energy**: Assessment of multiple hydrogen production pathways focusing on technologies like on technologies like solar electrolysis, biomass gasification and bio-methanation with a Total Green Hydrogen Production capacity of ~1 ton per day is underway. Indigenous cost-effective Type- 3 composite cylinder prototypes successfully developed under MoC with IIT-Kharagpur for storage of hydrogen at 350 bar

CRUDE OIL

E. Oil & Natural Gas Corporation

- ONGC undertook various innovative initiatives during FY 2021-22 that included technologies and processes like Low Salinity Water Injection, Managed Pressure Drilling, Casing While Drilling, Micro Bubble Technology, Auto Driller, Micro Tubines, LED lighting, Dual gas Blending, Plunger Lift in Gas Wells, Hydraulic SRPs and large scale real-time monitoring of wells on SRPs and PCPs etc. These initiatives resulted in improved operational efficiencies and cost optimization of Company.

STEEL

F. Steel Authority of India Limited

- SAIL has been adopting technologies like Coke Dry Quenching, Top-pressure Recovery Turbine in Blast Furnaces (BF), high hot blast temperature (>1200º C) technology in BF stoves with waste gas recovery, sinter cooler waste heat recovery, walking beam (WB) furnaces, hot charging of billets, online profile gauges, size-free rolling of wire rods, evaporative cooling system in reheat furnaces, Coal Dust Injection in BFs, use of Variable Voltage Variable Frequency drives and increased use of continuous casting for production process improvement in recent times.
- Some innovations recently introduced through projects include iron ore slime beneficiation / quality improvement at mines, productivity improvement in sinter plants, coke rate reduction, productivity, hot metal quality and campaign life improvement in blast furnaces, lining life improvement in BOF and steel ladles, reduction in specific roll consumption and use of roll-bite lubrication in finishing stands, development of high strength / corrosion resistant rails and other value-added products, automation schemes for yield and quality improvement in shops, reduction in energy consumption and utilization of plant wastes.
- New Initiatives – Brief evaluation of new initiatives Coke Dry Quenching helps recover heat energy while also aiding in pollution abatement. Top-pressure Recovery Turbine helps generate energy using the pressure of the BF exhaust gas. High HBT helps optimize coke rate and facilitates the use of the more economical CDI. Hot charging of billets, VVVF drives and the use of evaporative cooling in WB furnaces help conserve energy, online profile gauges help in better dimensional control and reduced rejections, walking beam furnaces help avoid stickers and facilitate reduced retention time in furnace and continuous casting helps improve steel quality and yield. The major thrust of R&D projects has been on cost reduction, quality improvement, steel plant waste utilization, reduction in carbon footprint, enhancement of plant performance, reduction in energy consumption and development of value added products.

INDUSTRIAL AND CONSUMER GOODS

G. NEPA Limited

- Revival and Mill Development Plan (RMDP) will help NEPA Ltd. to boost production, diversify its product portfolio and also support employment. Post RMDP startup of all plants, R&D will play a pivotal role in process optimization, product diversification and change in manufacturing process with technological advancement to produce good quality Writing & Printing and Improved Newsprints grades.
- Our Quality Control section plays a crucial role in testing of raw materials, chemicals, and other incoming packaging material with respect to the quality & specifications.
- Post RMDP NEPA will continue to produce Newsprint & writing printing paper of higher brightness with recycled fibre based which is eco-friendly and utilizing modern De-inking plant to get the pulp of better quality and brightness.
- Water testing is also conducted for powerhouse, process use as well as for domestic water at NEPA MILL Laboratory to ensure the quality of treated drinking water distributed to Nepanagar township, after treatment in Nawtha Treatment Plant. The samples for drinking water are taken periodically for testing and to set the dosing of chemicals & disinfectant, considering health and hygiene of NEPA township.

TRANSPORTATION VEHICLE & EQUIPMENT

H. BEML

- The Company has its own world-class composite R&D establishment in KGF, Bengaluru and Mysuru and is engaged in Design & Development of products and continuous upgradation of existing products to meet customer requirements. The average R&D expenditure is around 2.42% of its Revenue from Sale of Products & Services. More than 88% of Company's Revenue from Sale of Products & Services is through in-house R&D developed products.
- Efforts made towards Technology Absorption: R&D Centers at KGF, Mysuru & Bengaluru took initiatives for design and development of new products, aggregates and upgradation of existing products as per customer requirements during the year:

- Mining & Construction :
  - i. Dump truck model BH60M with wet brakes in both front & rear axles, BEML ATGEMS Transmission & bolt on type wheel hub design with TIER III engine
  - ii. Engineering of QSK19-T2 engine with 760 hp and M6 brakes on Dump Truck model: BH60M
  - iii. Engineering and Road worthiness certification of CEV Stage-IV engine on Motor Grader model: BG 405A & BG605I
  - iv. Development, supply & commissioning of Medical Oxygen Plants
  - v. Development and successful Implementation of safety systems such as Proximity warning, Drivers fatigue monitoring, Rear view camera and Automatic head light Dimmer as recommended by DGMS on Dump Trucks and Motor Graders.
  - vi. Design and development of alternate hydraulic system for Dozer model: BD155 with Ripper attachment
  - vii. Engineering of Acoustic cabin for Noise reduction in cabin, viscous mounts and operator seat with Pneumatic suspension in Dozer model: BD475-2
  - viii. Design and development of ROPS & FOPS cabin with improved visibility, Indigenization of propeller shafts and Gear Turn table for Tyre Handler model:BL14TH
  - ix. Design & development of Forestry Cabin with Canopy for Forestry application on Dozer model: BD155 & BD85, ripper structure with draw bar for land clearing application on Dozer model and Tree pusher attachment for forestry application on Dozer model: BD155 for meeting the Export requirements.
  - x. Development & Implementation diagnostic features like fault code & data logging, calibration of pressure & steering parameters and troubleshooting screen of Dozer model: BD155/BD355 'A/T' version
  - xi. Design and development of hydraulic winch for towing application for Dozer model: BD65-1
  - xii. Design and development of steering control system on Dozer model: BD85
  - xiii. Engineering of indigenous axles on BL200-1 front end wheel loader
  - xiv. Indigenization of Recoil Springs on dozer models: BD355, BD155, BD65-1, BD50 and Excavator models: BE220, BE300
- New Technology Developed :
  - i. Engineering of AI based 360Deg surrounding view system on Dump Truck model : BH60M
  - ii. Engineering of AI based water sprinkling system on Water Sprinkler model : WS28-2.
  - iii. Development of BS III compliant engine for BEML HMV 6x6
  - iv. New EATS (Exhaust After Treatment System) Technology developed for 140-series engine and CEV Stage-IV norms achieved thru mechanical FIP with Electronic governor for equipment model : BG825 / BH35-2 /WS28-2
- Defence :
  - i. Design and development of armoured cabin for BEML HMV 8X8 Truck
  - ii. Design and development of Transport vehicle for BMP Tanks on BEML HMV 8X8 Truck
  - iii. Design and development of Mechanical Minefield Marking Equipment on BEML HMV 6X6 Platform
- Rail & Metro:
  - i. Mainline Electric Multiple Unit (MEMU) for Indian Railways
  - ii. Rail Grinding Machine(RGM 96) for Indian Railways
  - iii. Bengaluru Metro 3RS-DM 42 cars: Design and development 6 car trainset
  - iv. Mumbai Metro MRS1 contract (Line #2 & Line#7): Design and development 6 car trainset.

4.2 Mega & Major Projects under Implementation

CPSEs have been instrumental in developing the critical public utilities & development infrastructure since the independence. As on March 31, 2022, CPSEs had 708 major projects under implementation out of which 262 projects were mega projects (each costing ₹1,000 crores & above) & 446 projects were major projects (each costing between ₹150 crores & ₹1,000 crores). The total anticipated cost of these 708 projects is ₹18,93,032 crores. The cognate group-wise status of mega & major projects of CPSEs is summarized in the following sections:

4.2.1 Chemicals & Pharmaceuticals

In the Chemicals & Pharmaceuticals cognate group, three CPSEs namely Brahmaputra Crackers & Polymers Ltd., HLL Biotech Ltd., Karnataka Antibiotics & Pharmaceuticals are implementing a total of 3 major projects with a total original cost of ₹1245 crores, which has overrun by 28.92% to ₹1,605 crores.

4.2.2 Fertilizers

In the Fertilizer cognate group, Fertilizers & Chemicals (Travancore) Ltd and Hindustan Fertilizer Corporation Limited are implementing total two major projects with a total outlay of ₹6380 crores, which has overrun by 16.16%. The details of the projects costing more than ₹1000 crores are given below:

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
HURL Barauni	Jul-16	Sep-22	Dec-22	6000.00	7000.00	90

4.2.3 Coal

The total original cost of implementation of 96 projects (costing ₹150 crores per project & above) by CPSEs under Coal cognate group stood at ₹1,29,259 crores, and the anticipated completion cost at ₹1,32,139 crores indicating a cost overrun of 2.23%. Details of the projects costing more than ₹1000 crores are given below:

A. Bharat Coking Coal Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Moonidih XV Seam UG	Aug-11	Mar-19	Sep-25	1230.27	1230.27	77

B. Central Coalfields Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Expansion of Ashok OCP	May-21	Mar-26	Mar-26	2898.28	2898.28	69
EPR Magadh OC	Aug-20	Mar-28	Mar-28	7254.37	7254.37	22.5
EPR Amrapali OC	Aug-20	Mar-28	Mar-28	5136.15	5136.15	66.36

C. Eastern Coalfields Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Jhanjra Expansion UG (5.00 MTY)	Apr-20	Mar-29	Mar-29	1210.12	1210.12	5
Raniganj Master Plan	Aug-09	Aug-19	Aug-24	2662.00	5146.00	38
Sonepur Bazari Expn. OC	Jul-21	Mar-29	Mar-29	5365.88	5365.88	10

D. Mahanadi Coalfields Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Subhadra OCP	Mar-21	Mar-27	Mar-27	1693.81	1693.81	0
Balaram Expansion OCP	Aug-20	Mar-29	Mar-29	3504.21	3504.21	24
Bharatpur Re-organization OCP	Nov-18	Mar-29	Mar-29	2838.87	2838.87	29
Bhubaneswari Expansion OCP	Aug-20	Mar-31	Mar-31	3145.45	3145.45	3
Garjanbahal OCP	May-16	Mar-21	Mar-26	1375.38	1375.38	72
Gopalji-Kaniha OCP	Aug-20	Mar-28	Mar-28	8416.19	8416.19	5
Integrated LKP-BEL-LIL OCP	May-18	Mar-27	Mar-27	2434.75	2434.75	32
Siarmal OCP	Feb-21	Mar-27	Mar-27	5194.95	5194.95	42

E. Northern Coalfields Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Jayant Expansion OCP	May-17	Mar-21	Mar-23	1783.09	1783.09	85
Dudhichua Expansion OCP	Nov-17	Mar-22	Mar-23	1255.17	1255.17	62
Nigahi Expansion OCP	Nov-20	Mar-25	Mar-25	1729.68	1729.68	14

F. South Eastern Coalfields Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Baroud OC Expansion	Aug-20	Mar-29	Mar-29	2309.8	2309.8	31
Dipka OCP Expansion	Dec-20	Mar-29	Mar-29	5241.4	5241.4	12
Gevra OCP Expansion	Mar-16	Mar-23	Mar-23	11816.4	11816.4	72
Kusmunda OCP Expansion	Aug-13	Mar-23	Mar-23	7612.33	7612.33	77
Madannagar OCP	Jul-16	Mar-24	Mar-27	1875.32	1875.32	20
Pelma OCP	Jul-16	Mar-23	Mar-30	1624.59	1624.59	7
Porda Chimtapani OCP	Dec-20	Mar-29	Mar-29	2310.12	2310.12	3
Rampur Batura	Jul-19	Mar-26	Mar-26	1248.93	1248.93	28

G. Western Coalfields Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Dinesh OC	Feb-20	Mar-27	Mar-27	1184.33	1184.33	29

4.2.4 Steel

The total original cost of implementation of nine projects (costing ₹150 crores per project & above) by CPSEs under Steel cognate group stood at ₹8,511 crores and the anticipated completion cost at ₹9,079 crores indicating a cost overrun of 6.67%. The details of the projects costing more than ₹1000 crores are given below:

A. Rashtriya Ispat Nigam Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Coal Chemical Plant of COB-5	Dec-11	Dec-19	Oct-23	2858.00	2858.00	42.9
Forged Wheel Plant Phase A: Main Plant	Dec-12	Sep-18	Sep-21	1683.00	2251.00	97.5

B. Steel Authority of India Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Installation of 4th Caster along with Ladle Furnace in SMS-II at RSP	Jan-22	May-25	May-25	1105.23	1105.23	0
New Sinter Plant at BSL	Mar-15	Oct-17	Jun-24	1111.24	1111.24	47.65

4.2.5 Petroleum (Refining & Marketing)

The total original cost of implementation of 103 projects (costing ₹150 crores per project & above) by CPSEs under Petroleum (Refining & Marketing) cognate group stood at ₹2,76,320 crores and the anticipated completion cost at ₹2,89,912 crores indicating a cost overrun of 4.92%. The details of the projects costing more than ₹1,000 crores are given below:

A. Bharat Gas Resources Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Ahmednagar Aurangabad	Apr-19	Sep-43	Sep-43	3972.18	3972.18	34.8
Sangli Satara	Apr-19	Sep-43	Sep-43	2337.98	2337.98	26.8

B. Chennai Petroleum Corporation Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
CBR 9 MMTPA Project	Jan-21	Jun-25	Jun-25	31580.00	31580	3.4

C. Hindustan Petroleum Corporation Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
CGD in UP UK	Mar-19	Mar-29	Mar-29	3450.00	3450.00	25.2
CGD in WB	Mar-19	Mar-31	Mar-31	5830.00	5830.00	11.1
Extension of VVSPL from Vijayawada to Dharmapuri and Construction of Marketing Terminal at Dharmapur	Sep-17	Jun-21	Aug-22	2677.00	3072.00	97.7
Hassan–Cherlapalli LPG Pipeline	Jun-19	Jun-22	Aug-22	2166.00	2166.00	92.7
Visakh Refinery Modernization Project (VRMP)	Jul-16	Jul-20	Oct-23	20928.00	26264.00	86.5
2G Ethanol Biorefinery at Bathinda	May-20	Feb-23	Feb-23	1421.00	1421.00	60.3

D. Indian oil Corporation Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Koyali - Ahmednagar- Solapur Pipeline, Maharashtra and Gujarat	May-16	Aug-22	Aug-22	1945.00	1945.00	91.7
Integrated Para Xylene (PX) and Purified Terephthalic Acid (PTA) Project at Paradip Refinery	Jul-20	Jan-24	Jan-24	13805.00	13805.00	27.1
Naphtha Cracker expansion and Mono Ethylene Glycol Butadiene extraction unit revamp at Panipat Refi	Aug-18	Apr-22	Sep-22	1636.00	1636.00	81.3
Paradip- Somnathpur- Haldia Product Pipeline	Oct-18	Jul-22	Jul-22	1298.00	1298.00	85.9

(Cont.)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
PX-PTA Expansion Project at Panipat Refinery and Petrochemical Complex, Haryana	Aug-19	Jan-23	Jan-23	1255.00	1255.00	73.4
Replacement of Existing Twin 42" Offshore Pipelines at Vadinar along with 2 PLEM and one old Buoy	Jun-20	Dec-22	Dec-22	1378.00	1378.00	68.4
Setting up Lube Complex at Villages Amullavoyal and Vaikkadu, Chennai as resitement of existing faci	Oct-20	Feb-24	Feb-24	1398.00	1398.00	25
Ethylene Glycol (MEG) Project at Paradip Refinery	Jan-19	Jul-22	Jul-22	5654.00	5654.00	96.2
Fuel Quality Upgradation Project at Paradip Refinery	May-19	Sep-22	Sep-22	3361.00	3361.00	82
Augmentation of Salaya-Mathura Crude Oil Pipeline	Oct-20	Aug-23	Aug-23	1614.00	1614.00	35.2
Barauni Refinery Capacity Expansion from 6.0 to 9.0 MMTPA	Jan-20	Apr-23	Apr-23	14810.00	14810.00	35.6
Paradip - Hyderabad product Pipeline	Jan-15	Feb-23	Feb-23	3338.00	3338.00	97.7
City Gas Distribution Project at Coimbatore district, Tamil Nadu	Aug-21	Mar-30	Mar-30	2998.00	2998.00	4.8
City Gas Distribution Project at Muzaffarpur, Vaishali, Saran and Samastipur districts, Bihar	Jun-19	Aug-29	Aug-29	2996.00	2996.00	11.1
City Gas Distribution Project at Salem district, Tamil Nadu	Aug-21	Mar-30	Mar-30	1304.00	1304.00	2.8
City Gas Distribution Project at Srikakulam, Visakhapatatnam and Vizianagaram districts, Andhra Prad	Jun-19	Mar-30	Mar-30	2880.00	2880.00	3.3
Capacity Expansion of Panipat Refinery from 15 to 25 MMTPA	Feb-21	Sep-24	Sep-24	34627.00	34627.00	8
Acrylics/ Oxo Alcohol Project at Gujarat Refinery, Gujarat	Nov-19	May-23	May-23	5251.00	5251.00	56.3
Augmentation of Paradip - Haldia - Durgapur LPG Pipeline and its extension up to Patna and Muzaffarp	Jan-15	Jun-22	Jun-22	3028.00	3028.00	94.2
30 inch Crude Oil Pipeline in Haldia-Barauni section of PHBPL	Mar-18	Feb-23	Feb-23	3696.00	3696.00	75.2
Ennore - Thiruvallur - Bengaluru - Puducherry - Nagapattinam - Madurai - Tuticorin Natural Gas Pipel	Dec-15	Nov-22	Nov-22	6025.00	6025.00	94.1
Mundra-Panipat Crude Oil Pipeline	Dec-21	Dec-24	Dec-24	9028.00	9028.00	6.3
LPG Import Facility, Kochi	Dec-12	Dec-22	Dec-22	1236.00	1236.00	80.2
Gujarat Refinery Expansion from 13.7 to 18 MMTPA along with petrochemical and lube Integration units	Sep-20	Aug-24	Aug-24	18936.00	18936.00	13.7
RD Campus II at Faridabad	Jun-19	Jul-23	Jul-23	3220.00	3220.00	15.6
Second Catalytic Dewaxing Unit at Haldia	Jun-20	Jan-23	Jan-23	1019.00	1019.00	45

E. Numaligarh Refinery Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Crude Oil Import Terminal and Paradip Numaligarh Crude Oil Pipeline	Jan-19	Jul-24	Jul-24	10228.00	9058.00	24.5
JV Project - Assam Bio Refinery, ABRPL	Feb-18	Sep-21	Mar-23	1750.00	3250.00	66.6
Numaligarh Refinery Expansion Project	Jan-19	Jul-24	Jul-24	12366.00	18968.00	11.1

4.2.6 Power Generation

The total original cost of implementation of 54 projects (costing ₹150 crores per project & above) by CPSEs under Power Generation cognate group stood at ₹3,91,873 crores & the anticipated completion cost at ₹4,54,715 crores, which is 16.04% higher than the original planned cost. The details of the projects costing more than ₹1000 crores are given below:

A. Bhartiya Rail Bijlee Co. Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Bhartiya Rail Bijlee Co. Ltd.	Feb-07	May-14	Dec-24	5352.00	10566.00	92

B. Chenab Valley Power Projects Private Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Kiru Hydro Electric Project	Mar-19	Sep-23	Jul-25	4288.00	4288.00	13
Pakaldul Hydro Electric Project	Oct-14	Apr-20	Jul-25	8112.00	8112.00	25

C. Ircon Renewable Power Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
500MW Solar Project	Oct-21	Apr-24	Apr-24	2578.00	2578.00	0

D. Nabinagar Power Generating Company Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Nabinagar Super Thermal Power Project	Sep-08	Apr-18	Jun-22	13624.00	19412.00	87

E. NHPC Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Parbati HE Project Stage II	Sep-02	Sep-09	Dec-23	3920.00	9898.00	95
Subansiri Lower HE Project	Sep-03	Sep-10	Aug-23	6285.00	19992.00	74
Pakal Dul H.E. Project (1000MW) UT of JK (Joint Venture)	Oct-14	Apr-20	Jul-25	8112.00	8112.00	25
Kiru H.E. Project (624MW) UT of JK (Joint Venture)	Mar-19	Sep-23	Jul-25	4288.00	4288.00	13

F. NLC India Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Barsingsar TPS Expansion	Mar-15	Aug-20	Mar-26	2112.59	2112.59	0.01
Bithnok TPS	Mar-15	Aug-20	Mar-26	2196.30	2196.30	1.77
Talabira II III Coal OC Mine (20.0 MTPA)	Jul-17	Jan-27	Jan-27	2401.00	2401.00	87

G. NTPC Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Darlipali-I(2X800MW)*	Feb-14	Dec-18	Jul-21	13141.00	13141.00	92
Rammam HEP(3X40MW)	Sep-14	Sep-19	Jul-25	1382.00	1382.00	39
Barh-I(3X660)	Feb-05	Oct-11	Mar-24	9647.00	21312.11	78.8
Nokh Plot-I(BOSModules)245MW	Mar-22	Apr-24	Nov-23	1352.71	1352.71	8.5
Nokh Plot-II(BOSModules)245MW	Mar-22	Apr-24	Nov-23	1409.52	1409.52	8.5
NOKH Plot-III(BOSModules)245MW	Mar-22	Apr-24	Nov-23	1426.94	1426.94	8.5
Sambhu Ki Burj-II 300MW	Mar-20	Jan-23	Jan-23	1782.00	1782.00	70
Ettayapuram(230MW)	Mar-20	Nov-22	Nov-22	1316.22	1316.22	90
Telangana-I(2X800MW)	Jan-16	Nov-20	Jun-23	10998.00	10998.00	76.5
North Karanpura(3X660MW)	Feb-14	Jun-19	Dec-24	15389.00	15389.00	72.7
Tapovan-Vishnugad HEP(4X130MW)	Nov-06	Mar-13	Dec-24	2978.00	5867.00	74.65

**Project Commissioned in July 2021 but peripheral works and FGD works are pending.*

H. Nuclear Power Corporation of India Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Kudankulam Nuclear Power Project 56	Jun-17	Sep-27	Sep-27	49621.00	49621.00	12
Gorakhpur Haryana Anu Vidyut Pariyojna (GHAVP 12)	Feb-14	Mar-21	Mar-29	20594.00	20594.00	0
Gorakhpur Haryana Anu Vidyut Pariyojna (GHAVP 34)	Jun-17	Mar-27	Jul-30	21000.00	21000.00	0
Kaiga Generating Station 56	Jun-17	Jun-26	Jun-29	21000.00	21000.00	0
Kudankulam Nuclear Power Project 34	Mar-13	Nov-20	Nov-23	39849.00	39849.00	63
Chutka Madhya Pradesh Atomic Power Project (CMPAPP 12)	Jun-17	Mar-28	Mar-31	21000.00	21000.00	0
Kakrapar Atomic Power Project (KAPP 34)	Oct-09	Jun-15	Jun-23	11459.00	19220.00	97
Mahi Banswara Rajasthan Atomic Power Project (MBRAPP 12)	Jun-17	Mar-29	Mar-30	21000.00	21000.00	0
Mahi Banswara Rajasthan Atomic Power Project (MBRAPP 34)	Jun-17	Mar-31	Mar-32	21000.00	21000.00	0
Rajashtahn Atomic Power Project (RAPP 78)	Sep-09	Dec-16	Jan-26	12230.00	17079.00	89

I. SJVN Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Luhri HEP Stage1	Nov-20	Jan-26	Jan-26	1810.56	1810.56	13.68

J. THDC India Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Amelia Coal Mine	Mar-19	Aug-22	Nov-22	1587.16	1587.16	36.29
Khurja Super Thermal Power Project (1320 MW)	Mar-19	Feb-24	Aug-24	11089.42	11089.42	35.32
Tehri PSP (1000 MW)	Nov-11	Feb-16	Oct-23	2978.86	5597.48	88.45
Vishnugad Pipalkoti HEP (444 MW)	Aug-08	Nov-18	Mar-25	2491.58	4335.10	58.75

4.2.7 Power Transmission

The total original cost of implementation of 24 projects (costing ₹150 crores per project & above) by CPSEs under Power Transmission cognate group stood at ₹20,710 crores & the anticipated completion cost at ₹27,212 crores, which is 31.40% higher than the original planned cost. The details of the projects costing more than ₹1000 crores are given below:

A. PowerGrid Corporation of India Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
TS stren.Sch. for evacuation of power from solar energy zones in Rajasthan Phase II Part B1	May-21	Sep-22	Jan-23	1184.00	1184.00	25
(NERPSIP) for Six (6) States (Assam, Manipur, Meghalaya, Mizoram, Tripura Nagaland).	Dec-14	Dec-18	Jan-24	5111.00	6700.00	77
Compreh. Sch. for the Strengthening of the Transmission Distribution System in A.P Sikkim	Dec-14	Dec-18	Mar-24	4754.00	9129.00	53.8
HVDC Bipole link between WR (Raigarh) and SR (Pugalur, TM) - North Trichur (Kerala) - Scheme-II	Aug-17	Feb-20	Apr-23	1931.00	2636.00	99.9
North East/ North Western Interconnector - I project (Part C)	Dec-20	Nov-22	Mar-23	1520.00	1326.00	70

4.2.8 Transport & Logistic Services

The total original cost of implementation of 61 projects (costing ₹150 crores per project & above) by CPSEs under Transport & Logistic Services cognate group stood at ₹95,143 crores & the anticipated completion cost at ₹1,69,240 crores, which is 77.88% higher than the original planned cost. The details of the projects costing more than ₹1000 crores are given below:

A. Airports Authority of India Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Modernization of Chennai Airport (Phase-II), Chennai Airport.	Jun-18	Feb-22	Dec-24	2467.00	2467.00	97
Construction of New domestic Terminal Building and other allied structures at Patna airport. C/o New	Sep-18	Oct-22	Mar-24	1217.00	1217.00	66
Construction of Greenfield Airport at Hirasar (Rajkot).	Jan-18	Feb-23	Dec-23	1405.00	1405.00	52.5

B. Dedicated Fright Corridor Corporation Of India Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Eastern Dedicated Freight Corridor	Feb-08	Dec-20	Jun-23	11589.00	30358.00	84.1
Western Dedicated Freight Corridor	Mar-08	Dec-18	Jun-24	16592.11	72785.30	77

C. GAIL (India) Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Dhamra Angul Pipeline Project (Section-2A of Jagdishpur Haldia Bokaro Dhamra Pipeline Project)	Mar-17	Nov-22	Jan-23	2106.00	2106.00	88.1
Dhamra-Haldia Pipeline	Mar-20	Jun-23	Jun-23	1030.00	1030.00	63.9

(Cont.)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Dobhi-Durgapur Pipeline Project (Section-2B of Jagdishpur Haldia Bokaro Dhamra Pipeline Project)	Mar-17	Nov-22	Nov-22*	2433.00	2433.00	98.6
Durgapur- Haldia Pipeline Project (Section-3B of Jagdishpur Haldia Bokaro Dhamra Pipeline Project)	Mar-17	Jun-23	Jun-23	1740.00	1740.00	61.4
Kochi - Koottanad -Bangalore-Mangalore Project Ph-II	Jun-09	Dec-12	Jun-24	5909.00	5909.00	67.6
Mumbai-Nagpur-Jharsuguda Pipeline Project	Jun-20	May-23	May-23	7844.00	7844.00	57.7
Srikakulam-Angul pipeline (SAPL)	Sep-19	Jul-23	Jul-23	2658.00	2658.00	55.8
500 KTPA PDH-PP project USAR, Maharashtra	May-19	Apr-25	Sep-24	8797.00	7823.00	17.3
Barauni Guwahati Pipeline Project	Feb-18	Jun-23	Jun-23	3308.00	3308.00	92.9
Bokaro- Angul Pipeline Project (Section-3A of Jagdishpur Haldia Bokaro Dhamra Pipeline Project)	Mar-17	Nov-22	Jan-23*	3437.00	3048.00	95.9

** Completed in FY 2022-23*

D. GAIL Gas Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Dehradun	Sep-18	Mar-30	Mar-30	1696.27	1696.27	21.28
Dakshin Kannada	Aug-18	Mar-30	Mar-30	1913.58	1913.58	14.86
Raisen-Shajapur-Sehore	Mar-19	Mar-29	Mar-29	1424.65	1424.65	13.92

4.2.9 Crude Oil

The total original cost of implementation of 15 projects (costing ₹150 crores per project & above) by CPSEs under Crude oil cognate group stood at ₹51,753 crores & the anticipated completion cost at ₹50,849 crores, which is 1.75% lower than the original planned cost. The details of the projects costing more than ₹1000 crores are given below:

A. Oil & Natural Gas Corporation Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Development of Cluster-8 marginal field	Feb-19	May-21	Dec-22	2292.46	2292.46	97.1
Heera redevelopment - Phase III	May-19	Mar-22	Mar-23	2495.00	2354.78	60
KG-DWN-98-2 Cluster II development project	Mar-16	Jun-20	May-23	34012.00	31040.00	74.6
Life extension of wall platforms of Mumbai High and Heera Fields	Dec-15	Apr-18	May-23	3191.00	3375.00	87.5
Mumbai High North redevelopment Phase-IV	Apr-19	Mar-22	May-23	3229.00	3977.00	76.5
Redevelopment of Santhal field	Feb-17	Mar-26	Mar-26	1163.00	1163.00	83

4.2.10 Heavy & Medium Engineering

The total original cost of implementation of 25 projects (costing ₹150 crores per project & above) by CPSEs under Heavy & Medium Engineering cognate group stood at ₹39,875 crores and the anticipated completion cost at ₹41,126 crores, which is 3.14 % higher than the original cost. The details of the projects costing more than ₹1,000 crores are given below:

A. Cochin Shipyard Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Construction Of New (Third) Dry Dock Project	Jul-16	May-21	Dec-23	1799.00	1799.00	60

B. Garden Reach Shipbuilders & Engineers Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
ASWSWC	Apr-19	Oct-26	Oct-26	6311.00	6311.00	0
P17 A Project	Feb-15	Aug-25	Aug-25	19294.00	19294.00	0
SVL Project	Oct-18	Apr-23	Apr-23	2435.00	2435.00	0

C. Hindustan Aeronautics Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Enhancement of ROH capacity of SU-30MKI (From 15 a/c and 15sets of Aggregates to 20 a/c and 35 sets	Apr-17	Dec-22	Nov-24	1517.00	1517.00	75

4.2.11 Other Minerals & Metals

The total original cost of implementation of 20 projects (costing ₹150 crores per project & above) by CPSEs under Other Minerals & Metals cognate group stood at ₹33,277 crores and the anticipated completion cost at ₹40,873 crores, which is approximately 22.83% higher than the original planned cost. The details of the projects costing more than ₹1,000 crores are given below:

A. Hindustan Copper Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Development, Production, Drilling and Ore Production at MCP Underground Mine	Jul-19	Nov-24	Nov-24	1574.00	1574.00	12.46

B. KIOCL Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Statutory Clearances for Development and Commencement of Devadari Iron Ore Mine	Jan-17	Jun-21	Nov-22	1500.00	1500.00	0

C. National Aluminium Company Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Pottangi Bauxite Mines (As on 31.08.2022)	May-18	Mar-24	Sep-24	1437.00	1381.00	0
5th Stream Alumina Refinery Expansion Project at MR Complex Damanjodi(As on 31.08.2022)	Dec-14	Apr-21	Jan-24	4103.00	5055.00	40.4

D. NMDC Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Screening Plant-III at Kirandul, Chhattisgarh	Oct-21	Aug-24	Aug-24	2093.00	2221.86	20.55
NMDC Integrated Steel Plant	Mar-11	May-15	Mar-23	15525.00	21940.00	90.9
NMDC Slurry Pipe line Project	Sep-20	Jun-23	Jul-24	2907.00	2907.00	34.4

4.2.12 Contract & Construction & Technology Consultancy Services

The total original cost of implementation of 210 projects (costing ₹150 crores per project & above) by CPSEs under Contract & Construction & Technology Consultancy Services cognate group stood at ₹2,82,824 crores & the anticipated completion cost at ₹3,24,383 crores, which is 14.69 % higher than the original planned cost. The details of the projects costing more than ₹1000 crores are given below:

A. Bridge & Roof Co. (India) Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Construction of Government Medical College at Kaithal Yamuna Nagar, Haryana	Jul-21	Jan-23	Jan-23	1025.00	1025.00	0

B. HLL Infra Tech Services Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
AIIMS Bibinagar	Aug-19	Aug-21	Jul-24	1028.00	1058.00	0

C. IRCON Akloki-Shirsad Expressway Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Ircon Akloli-Shirsad Expressway Ltd	Jan-22	Jul-24	Jul-24	1124.00	1124.00	0

D. IRCON Davanagere Haveri Highway Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Ircon Devanagere Haveli Highway Limited	Jun-17	Jul-20	May-21	1177.00	1177.00	85.42

E. IRCON International Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Design, Supply and Construction of Track and Track related works including Testing and Commissioning	Dec-21	Dec-27	Dec-27	5143.00	5143.00	0
Construction of Eight Lane access controlled Expressway from Km 3.000 to Km 20.200 (Shirsad to Aklol	Nov-21	Sep-23	Sep-23	1124.00	1124.00	0
Construction of Four/ Six lane Greenfield Ludhiana- Rupnagar National Highway no. NH-205K from junct	Dec-21	Dec-23	Dec-23	1107.00	1107.00	0
Construction of Eight Lane Access Controlled Expressway from Km 69.800 to Km 79.783 (Bhoj to Morbe S	Dec-21	Dec-23	Dec-23	1436.00	1436.00	0

(Cont.)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Construction of New BG Electrified Rail Line between Dharamjaigarh to Korba (Urga) of Chhattisgarh E	Jun-18	Dec-25	Dec-25	1138.30	1138.30	0
Rail Coal Connectivity Project, Jharkhand (JCRL)	Jun-18	Jun-25	Jun-25	1148.90	1139.00	4.56
Design and Construction of Civil and Building Works including Testing and Commissioning on Design Bu	Nov-21	Jun-26	Jun-26	1714.20	1714.20	2.91
Setting up of 500 MW Grid Connected Solar PV Power Projects in India (Tranche III)	Oct-21	Sep-23	Apr-24	1960.00	1960.00	0
Design and construction of civil, building and track works for double line on design-build lump sum	May-15	Oct-19	Jun-23	2170.70	2603.30	77.27
Eight lane Vadodara Kim Expressway from Km. 323.000 to 355.000 (Sanpa to Padra Section of Vadodara M	Jul-18	Jan-21	Aug-22	1378.00	1553.00	95.45
Katni - Singrauli Doubling Project (WCR)	Dec-15	Mar-22	Mar-23	1762.90	1763.00	71
Kiul - Gaya Doubling Project (ECR)	Jun-16	Mar-20	Mar-23	1200.20	1200.20	76.61
Rampur Dumra - Tal - Rajendrapul Doubling including Ganga Bridge (ECR)	Jun-16	Mar-20	Mar-23	1491.50	1336.50	21.32
Construction of Road from Paletwa (Myanmar) to Zorinpuri (Mizoram) under Kaladan Multi Modal Transit	Feb-22	Jul-25	Jul-25	1780.00	1780.00	0
Sivok-Rangpo New Rail Line project	May-10	May-15	Dec-23	4085.00	8215.00	26.2
Survey, feasibility study, detailed design and construction of various identified rail connectivity	May-15	Mar-21	Dec-23	1191.80	1075.00	14.73
The accomplishment of double track line (93 km) between OUED-SLY and YELLELL of the line Algiers-Or	Jun-08	Nov-12	Apr-23	1103.70	2294.10	75.36
Katra - Qazigund section including Dharam - Qazigund section, Km 33.09 to 39.00 Km 61.00 to 91.00.	Jan-04	Aug-07	Apr-23	1500.00	13359.40	85.16
Construction of Corridor - I of East Corridor between Kharsia to Dharamjaygarh in the State of Chhat	Jan-14	Jun-20	Dec-23	3055.20	1958.90	93.6
Construction of Corridor - III of East West Corridor between Gevra Road to Pendra Road in the State	Apr-14	Mar-22	Jun-23	4970.10	3198.30	31.3

F. IRCON Ludhiana Rupnagar Highway Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Ludhiana Rupnagar Highway	Mar-22	Mar-24	Mar-24	1107.00	1107.00	0

G. Mumbai Railway Vikas Corporation Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Mumbai Urban Transport Project (MUTP) - Phase 2	May-08	Mar-13	Mar-25	5300.00	8087.00	85
Mumbai Urban Transport Project (MUTP) - Phase 3	Dec-16	Mar-23	Mar-25	10947.00	10947.00	15
Mumbai Urban Transport Project (MUTP) - Phase 3A	Mar-19	Mar-24	Mar-26	33690.00	33690.00	0

H. NBCC(India) Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Construction of East Delhi Hub, Karkardooma	Sep-21	Sep-26	Oct-24	1169.00	1169.00	8
Redevelopment of Nauroji Nagar	May-18	Oct-21	Jun-23	2694.00	2694.00	52
Redevelopment of Netaji Nagar	Mar-21	Mar-21	Jun-23	5466.00	5466.00	7
Redevelopment of Sarojni Nagar	Mar-21	Mar-21	Jun-25	13494.00	13494.00	10
PMGSY Odisha	Mar-15	Mar-23	Sep-25	1357.00	1357.00	95
PMGSY WB*	Sep-14	Sep-19	Dec-21*	1002.00	1002.00	95
PMGSY Works, Tripura	May-05	Feb-16	Mar-23	2101.00	2101.00	99
Construction of AIIMS Ayurvigyan	Jan-17	Jul-21	May-27	2647.00	2647.00	3
Construction of AIIMS West Campus, Ansari nagar	Jan-17	Jul-21	May-27	1794.00	1749.00	0
Exhibition and Convention centre at Pragati Maidan. New Delhi	Mar-17	Sep-19	Feb-23	2350.00	2350.00	85
Gosikhurd Irrigation Works, Nagpur	Aug-19	Dec-22	Dec-22	1459.00	1459.00	80
IBBF Works (Assam,Meghalaya, Mizoram, Tripura)	Aug-16	Dec-21	Dec-24	1226.00	1226.00	35
AIIMS, Bilaspur, Himachal Pradesh*	Jun-18	Sep-21	Aug-22*	1250.00	1250.00	99
Amrapali works at Noida Greater Noida	Jul-19	Nov-23	Aug-24	8424.00	8424.00	40

**Completed in FY 2022-23*

I. Rail Vikas Nigam Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Hospet-Hubli-Londa-Tinaighat-Vasco da Gama (352.28 km)	Nov-10	Mar-25	Mar-25	3037.05	3037.05	78
Indore-Jabalpur (342 km)-Sanctioned as Budni-Indore (205 km)	Nov-18	Dec-25	Dec-25	7474.00	7474.00	7
Joka-Binoy Badal Dinesh Bagh via Majerhat - Construction of Metro railway (16.72 km) incl material m	Mar-10	Mar-25	Mar-25	5133.38	5133.38	48
Kharagpur-Adityapur 3rd line (132 km)	Dec-15	Feb-23	Feb-23	1312.44	2269.00	76
Lucknow-Pilibhit via Sitapur, Lakhimpur (262.76 km)	Apr-11	Jun-23	Jun-23	1457.79	1457.79	91
Madurai - Maniyachi - Tuticorin (160 km)	Dec-15	Dec-22	Mar-23	1890.66	1890.66	89

(Cont.)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Maniyachi - Nagercoil (102 km)	Dec-15	May-23	May-23	1003.94	1752.25	88
Mathura-Jhansi-3rd line (273.80 km)	Dec-15	Mar-24	Mar-24	3677.76	5190.26	52
Mau-Ghazipur-Tarighat (51 km)	Dec-15	Mar-23	Mar-23	1765.92	1765.92	62
Palanpur-Samakhiali (247.73 km)	Aug-13	Feb-23	Feb-23	1548.66	2867.00	78
Phephna-Indara, Mau-Shahganj (excl. Indara-Mau) (150.28 km) DL	Nov-18	Dec-23	Dec-23	1028.95	1061.19	25
Raipur-Titlagarh (203 km), incl new line Mandir Hasaud-Naya Raipur (20 km) and new MM for conversion	Dec-07	Dec-22	Mar-23	1343.38	1343.38	90
Rajpura-Bhatinda (172.64 km)	Jun-17	Dec-23	Dec-23	1775.73	2458.99	56
Rishikesh-Karnaprayag (125.09 km)	Sep-11	Dec-24	Dec-24	16216.31	24659.00	23
Vadodara - Setting up of National Railway University (NRU)	Oct-19	Mar-25	Mar-25	1271.65	1271.65	12
Varanasi-Madhosingh-Allahabad (120.20 km)	Dec-15	Dec-23	Dec-23	1293.72	1500.00	74
Vijayawada-Gudur-3rd line (287.67 km)	Dec-15	Mar-23	Mar-23	3246.00	3548.68	66
Vizianagaram-Sambhalpur (Titlagarh) 3rd line (264.60 km)	Dec-15	Mar-24	Mar-24	2335.68	3327.72	51
Yevatmal- Nanded (206 km) {Part of Wardha-Nanded (via Yevatmal-Pusood) (270 km)}	Nov-18	Dec-25	Dec-25	3168.29	3168.29	5
Angul-Sukinda Road (98.7 km)	Feb-06	Jun-21	Mar-23	1202.70	2440.53	80
Banspani-Daitari-Tomka-Jakhapura (180 km)	Mar-08	Jun-22	Mar-23	1552.27	1552.27	82
Bhanupalli-Bilaspur-Beri (63.1 km)	Jun-15	Mar-24	Mar-24	6753.43	6753.43	23
Bhatni - Aunrihar with electrification (125 km) (excl Indara - Mau (116.95 km))	May-18	Mar-24	Mar-24	1177.96	1349.02	30
Bhimsen - Jhansi (206 km)	Apr-12	Jun-22	Mar-23	1183.26	2203.53	72
Bina - Kota (282.66 km)	Jul-11	Dec-21	Apr-23	2476.43	2476.43	92
Dhanbad-Sonnagar (Patratu-Sonnagar) - 3rd line (291 km)	Dec-16	Dec-24	Dec-24	3406.16	3406.16	51
Dum Dum Airport-New Garia via Rajerhat - Construction of Metro Railway (32 km)	Mar-10	Mar-25	Mar-25	4259.50	4259.50	63

4.2.13 Financial Services

The total original cost of implementation of 42 projects (costing ₹150 crores per project & above) by CPSEs under Financial Services cognate group stood at ₹1,37,009 crores, and the anticipated completion cost at ₹1,36,812 crores indicating a cost savings of 0.21%. Details of the projects costing more than ₹1000 crores are given below:

A. Housing & Urban Development Corporation Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
PMAY-U (AHP Component)-Construction of 200000 EWS houses in the State of Andhra Pradesh by APTIDCO	Mar-18	Mar-20	Dec-22	13454.00	13454.00	73
Const. of 110000 EWS (R) in 941 Gram Panchayats -LIFE MISSION PROG OF State Govt.	May-18	Jun-20	Mar-23	4668.80	4668.80	89.54
Construction of 69217 EWS Rural Houses under Life Mission in the State of Kerala	Jul-21	Dec-23	Dec-23	2892.06	2892.06	20
Construction of 57017 EWS units in Urban areas under Urban Housing Program in AP by APSHCL	Dec-16	Mar-19	Dec-22	2675.00	2675.00	95
HUDCOs term loan for construction of Eight master plan roads of Amaravati Capital City to APCRDA	Nov-16	Dec-18	Dec-22	1472.00	1472.00	85
Water Supply Sewerage Projects for various ULBs in Punjab	Sep-17	Jun-20	Mar-24	2524.48	2524.48	55.5
Water Supply Scheme for seven Urban Local Bodies (ULBs) and their adjoining areas in Kerala	Aug-21	Dec-23	Dec-23	1157.41	1157.41	17.31
Financial Assistance (gap funding) for various Water supply projects under Jal Jeevan Mission (JJM)	Feb-22	Feb-24	Feb-24	13839.05	13839.05	20
Rural Housing Programme for 168407 EWS households in AP under housing programme by APSHCL	Mar-16	Mar-19	Dec-22	1996.00	1996.00	99.5
Fleet Augmentation by purchase of 1400 no. of new buses and Development and Upgradation of Bus Stati	Jan-17	Mar-20	Dec-22	1092.00	1092.00	89
Construction of 120106 EWS DUs AHP PMAY(U -HFA in Andhra Pradesh by APTIDCO	Feb-17	Mar-19	Dec-22	3781.00	3781.00	0
Development of Low cost green field airports at Bhogapuram in Vizianagaram, APADCL(SCH 20851)	Nov-15	Apr-19	Dec-22	1250.00	1250.00	95
Development of Nagpur Mumbai Super Communication Expressway, NMSCEL, (SCH21348)	Aug-19	Jun-23	Jun-23	55477.00	55477.00	88
Gap funding of PMAY(U) -BLC for 5 LAC EWS DUs in ULBs , Kerala, KURDFC(SCH 21262)	May-18	Jun-20	Mar-23	2066.38	2066.38	97.87
# Improvement of Roads and Drainage in ULBS in Rajasthan, RUDWSICL(SCHEME NO 21244)	Mar-18	Dec-18	Dec-21	2120.00	1804.00	98
Infrastructure facilities for EWS Housing under PMAY -HFA(U) -AHP in AP (PH-I), APTIDCL(SCH 21333)	Mar-19	May-22	Dec-22	1073.00	1073.00	90

(Cont.)

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
Land Acquisition of Ganga Expressway (Meerut to Prayagraj district) UPEIDA(SCH 21383)	May-20	Sep-22	Mar-23	8028.67	8028.67	94.52
Loan assistance to Mission Bhagiratha Telangana Drinking Water Supply Project, TDWSCL, (SCH21030)	Sep-16	Dec-19	Oct-22*	2500.00	2500.00	95
NTR Rural Housing scheme for 2 lacs units, APHSC,(SCHEME NO 21332)	Mar-19	Mar-21	Dec-22	3386.00	3386.00	96
JP Ganga path Phase-I	Sep-21	Aug-23	Aug-23	3202.75	3202.75	68.2

**Completed in FY 2022-23*

4.2.14 Telecommunication & Information Technology

The total original cost of implementation of 12 projects (costing ₹150 crores per project & above) by CPSEs under Telecommunication & Information Technology cognate group stood at ₹49,844 crores & the anticipated completion cost at ₹49,458 crores. Details of the projects costing more than ₹1000 crores are given below:

A. Bharat Broadband Network Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
BharatNet	Oct-11	Mar-17	Mar-23	42168.00	42168.00	75

B. Telecommunications Consultants (India) Ltd.

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
NFS Defence Project	Sep-14	Jun-16	Mar-23	1448.00	1525.00	96
Telangana Fiber Grid Project (T-Fiber)	Jan-20	Sep-29	Oct-29	1492.50	1492.50	82
DARPAN of Dept. of Post	Aug-16	Sep-22	Mar-23	1361.73	1410.12	81.1

4.2.15 Trading & Marketing

The total original cost of implementation of 4 projects (costing ₹150 crores per project & above) by CPSEs under Trading & marketing cognate group stood at ₹3,643 crores & the anticipated completion cost at ₹4,057 crores which is 11.36% higher than original planned cost. The details of the projects costing more than ₹1000 crores are given below:

A. India Trade promotion organization

Name of the Project	Date of Approval	DOC Original	DOC Anticipated	Cost original (Rs. Cr.)	Cost Anticipated (Rs. Cr.)	Physical Progress (%)
International Exhibition cum Convention Centre	Jan-17	Sep-19	Nov-22	2254.00	2698.51	80

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
• 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	• National importance • Complexities of problems faced by CPSE • Level of technology • Prospect for expansion • Diversification of activities • Competition from other sectors	• Capital Employed • Share Price • MoU Ratings • Maharatna/ Navratna/ Miniratna status • ISO Certification • Critical strategic importance of concerned CPSE

As on 31st March, 2022, there were 187 scheduled CPSEs which comprised 69 in 'Schedule A', 69 in 'Schedule B', 44 in 'Schedule C', and 5 in 'Schedule D'.

Further, CPSEs are awarded Ratna status - 'Maharatna', 'Navratna' and 'Miniratna' 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 and Miniratna. As of March 2022, 11 CPSEs were classified as Maharatna, 13 as Navratna, 61 as Miniratna Category I, and 12 as Miniratna Category II. **Figure 5.2** lists the eligibility criteria and autonomy provided to the Board of Directors of these CPSEs by the Government of India:

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

Miniratna- II	Miniratna- I	Navratna	Maharatna
• Should have made profit for past three years continuously • Positive networth Powers to Board • To incur capital expenditure on new projects, modernisation, purchase of equipment upto ₹250 crore, or 50% of their networth (whichever is lower)	• Should have made profit for past three years continuously • Pre-tax profit of ₹30 crore or more in at least one of the three years • Positive networth	• Miniratna category-1 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	• Having Navratna status • Listed on an Indian stock exchange with minimum prescribed shareholding under SEBI regulations • Average annual turnover of at least ₹25,000 crore, average networth of ₹15,000 crore and average net profit of ₹5,000 crore (in the past three years) • Significant global presence/ international operations

(Cont.)

Miniratna- II	Miniratna- I	Navratna	Maharatna
• 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) • Board of Directors have the power to undertake M&A	Powers to Board • To incur capital expenditure on new projects, modernisation, purchase of equipment up to ₹500 crore, or equal to their networth (whichever is lower) • 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) • Board of Directors have the power to undertake M&A	Powers to Board • 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 • Board of Directors have the power to undertake M&A • 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 • 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 • Create below Board level post upto E-6 level	Powers to Board • 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 • Board of Directors have the power to undertake M&A • 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 • 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 • 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 14,62,207 persons as of FY 2021-22 as against 14,23,184 in FY 2020-21 (2.74% increase). Category-wise number of employees are given in **Table 5.1**.

Table 5.1: Break up of total employment for FY 2020-21 and FY 2021-22.

S No.	Category	Number of Employees		Change	
		2020-21	2021-22	No.	%
1	Regular Employees	8,51,090	8,41,094	-9996	-1.17%
2	Casual / daily Rate workers	94,445	96,690	2,245	2.38%
3	Contract Worker / Employees	4,77,649	5,24,423	46,774	9.79%
	Total	**14,23,184**	**14,62,207**	**39,023**	**2.74%**

5.3.1 Cognate group-level employment

Coal, Petroleum (Refinery & Marketing), Heavy & Medium Engineering, Power Generation and Steel cognate groups had the highest employment in FY 2021-22. Cognate group-wise employment data is provided in **Table 5.2.**

Table 5.2: Cognate group-wise employment data in FY 2021-22.

S. No.	Category	Managerial/ Executive	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total	% w.r.t. total employees in all CPSEs
			Unionised	Non-Unionised	Skilled	Un-Skilled				
1	**Agro Based Industries**	241	0	123	1,218	455	66	278	2,381	0.16%
2	**Coal**	14,816	31,001	0	96,538	1,03,474	63,359	63,442	3,72,630	25.48%
3	**Crude Oil**	19,488	2,238	0	10,936	2,633	162	3,493	38,950	2.66%
4	**Other Minerals & Metals**	4,909	392	603	11,322	8,003	106	23,688	49,023	3.35%
5	**Steel**	16,066	5,496	41	53,266	4,418	509	78,949	1,58,745	10.86%
6	**Petroleum (Refinery & Marketing)**	32,029	4,754	0	16,257	1,510	21	1,51,147	2,05,718	14.07%
7	**Fertilizers**	3,535	740	534	3,109	301	1,266	8,070	17,555	1.20%
8	**Chemicals & Pharmaceuticals**	977	133	433	1,063	246	463	802	4,117	0.28%
9	**Heavy & Medium Engineering**	34,838	4,315	7,458	61,360	1,647	17,912	45,153	1,72,683	11.81%
10	**Transportation Vehicle & Equipment**	1,913	1,731	0	1,924	5	0	4,775	10,348	0.71%
11	**Industrial And Consumer Goods**	1,254	1,005	653	4,401	15,928	1,288	5,183	29,712	2.03%
12	**Textiles**	455	395	138	3,617	1,030	4,527	1,658	11,820	0.81%
13	**Power Generation**	25,313	251	2,862	19,521	2,268	0	56,762	1,06,977	7.32%
14	**Power Transmission**	5,016	0	2,296	1,872	71	0	1,316	10,571	0.72%
15	**Trading & Marketing**	6,740	16,213	65	2,521	29,533	223	460	55,755	3.81%
16	**Transport And Logistic Services**	17,340	3,774	268	6,640	4,015	329	36,445	68,811	4.71%
17	**Contract & Construction And Tech. Consultancy Services**	10,757	3,245	1,848	5,168	1,980	698	9,968	33,664	2.30%
18	**Hotel And Tourist Services**	478	61	562	1,113	216	651	231	3,312	0.23%

(Cont.)

S. No.	Category	Managerial/ Executive	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total	% w.r.t. total employees in all CPSEs
			Unionised	Non-Unionised	Skilled	Un-Skilled				
19	**Financial Services**	2,151	283	130	156	138	54	322	3,234	0.22%
20	**Telecommunication & Information Technology**	31,842	265	14	34,257	930	5,038	11,652	83,998	5.74%
21	**Under Construction**	1,146	11	142	240	17	18	20,629	22,203	1.52%
	Grand Total :	**2,31,304**	**76,303**	**18,170**	**3,36,499**	**1,78,818**	**96,690**	**5,24,423**	**14,62,207**	**100.00%**

5.3.2 Share of on-and off-roll employees

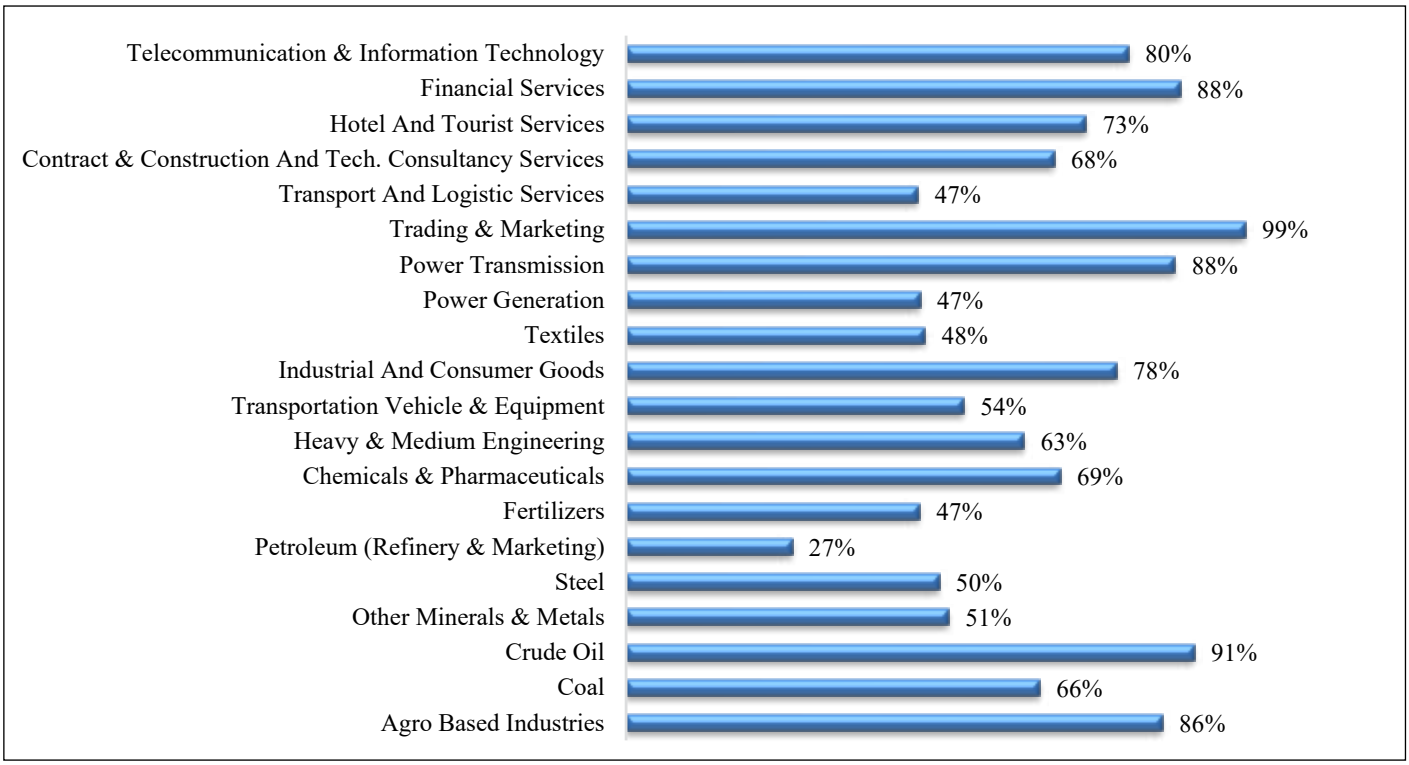
In CPSEs, employment is categorised into various roles viz. managerial, supervisory, non-executive, casual and contractual. These roles can be categorized as on or off-roll. The former represents regular employment and includes managerial, supervisory, and non-executive employees. The latter includes casual and contract workers. In FY 2021-22, the share of on-roll employment was 58% of the total employment in CPSEs. Composition of off-roll and on-roll employees has been provided in **Table 5.3**.

Table 5.3: Composition of on- and off-roll employees.

S.No.	Category	Number of Employees 2020-2021	%	Number of Employees 2021-2022	%
1	On-roll	8,51,090	60%	8,41,094	58%
2	Off-roll	5,72,094	40%	6,21,113	42%
Total		**14,23,184**		**14,62,207**	

The on-roll to off-roll employee ratio varies across sectors and levels. Highest share of on-roll employees was in Trading and Marketing, Financial Services and Power Transmission in FY 2021-22. (**Figure 5.3**)

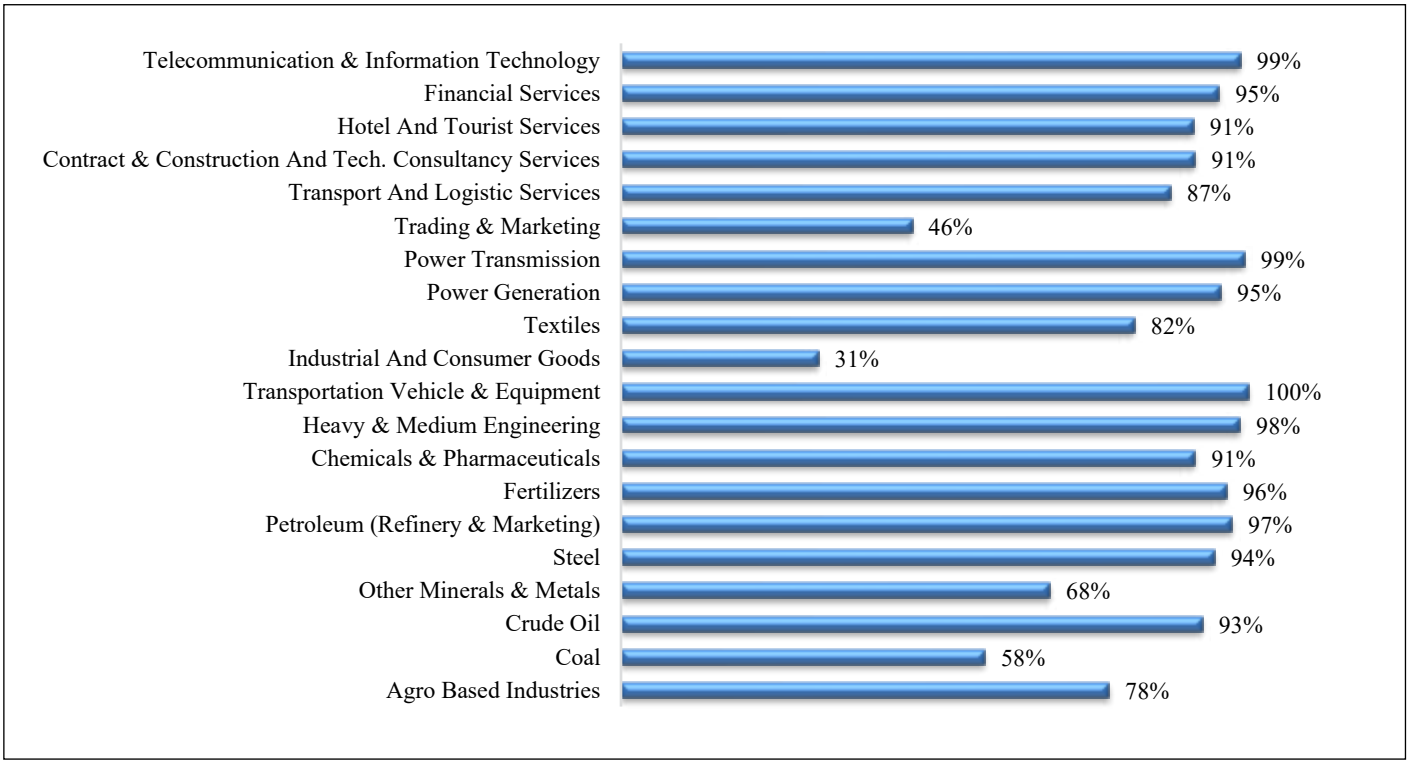
Figure 5.3: Share of on-roll employees (as % of total employees) for FY 2021-22.



5.3.3 Share of skilled and 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% (6,62,206 persons) in FY 2021-22. 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 2021-22.



5.3.4 Women employment in CPSEs

In FY 2021-22, women constituted 9.12% of total employees in CPSEs. The numbers decreased to 76,678 in FY 2021-22 from 80,525 in FY 2020-21. (**Figure 5.5**)

Figure 5.5: Share of women employees in CPSEs.

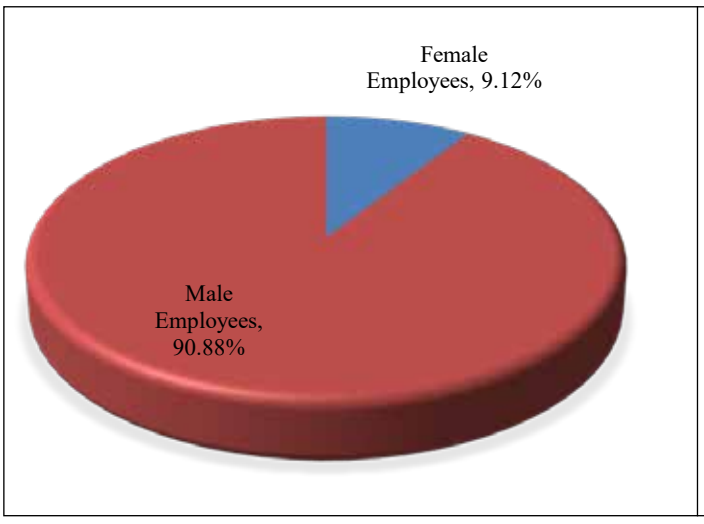
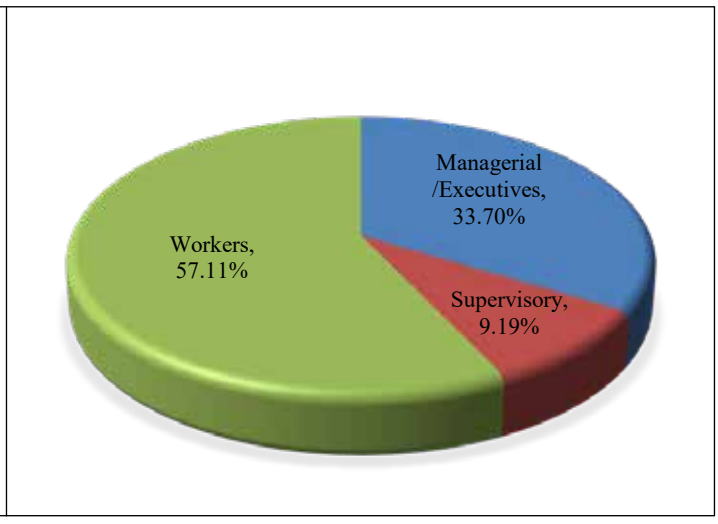


Figure 5.6: Share of women employees at different levels.



33.70% of total women in CPSEs are present at managerial / executive level while 9.19% at supervisory level and 57.11% in worker categories. **(Figure 5.6)**

Coal, Telecommunication & Information Technology and Heavy and Medium Engineering 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	% of females at Cognate Group Level
Cognate group with women's share in total employment being greater than 10%							
1	Coal	1,050	1,968	2,985	13,345	19,348	25.23%
2	Telecommunication & Information Technology	4,891	239	7,575	225	12,930	16.86%
3	Heavy & Medium Engineering	4,254	1,490	3,380	223	9,347	12.19%
Cognate group with women's share in total employment ranging between 5% and 10%							
4	Other Minerals & Metals	1,685	251	3,614	1,626	7,176	9.36%
5	Petroleum (Refinery & Marketing)	3,294	578	758	63	4,693	6.12%
6	Steel	1,282	55	2,695	304	4,336	5.65%
7	Power Generation	2,023	202	1,794	263	4,282	5.58%
8	Transport And Logistic Services	2,391	581	720	474	4,166	5.43%
Cognate group with women's share in total employment less than 5%							
9	Crude Oil	1,855	191	630	130	2,806	3.66%
10	Contract & Construction And Tech. Consultancy Services	1,005	603	223	245	2,076	2.71%
11	Textiles	51	33	1,278	87	1,449	1.89%
12	Power Transmission	485	159	108	9	761	0.99%
13	Financial Services	514	126	16	18	674	0.88%
14	Fertilizers	279	88	193	16	576	0.75%
15	Industrial And Consumer Goods	123	127	184	119	553	0.72%
16	Trading & Marketing	232	164	53	44	493	0.64%
17	Chemicals & Pharmaceuticals	101	46	58	64	269	0.35%
18	Transportation Vehicle & Equipment	143	52	46	-	241	0.31%
19	Hotel And Tourist Services	72	83	67	3	225	0.29%
20	Under Construction	85	11	48	3	147	0.19%
21	Agro Based Industries	24	2	88	16	130	0.17%
	Total	**25,839**	**7,049**	**26,513**	**17,277**	**76,678**	**100.00%**

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 248 operating CPSEs employed 10,508 Divyangjan employees as on March 31, 2022. The percentage of Divyangjan employees as a percentage of total employment was about 1.25% as on March 31, 2022. **(Table 5.5)**

Table 5.5: Divyangjan employment in CPSEs.

Level	Total Employees	Total Divyangjan Employees	Divyangjan employees as % of total employees
Managerial/Executive	2,29,994	3,866	1.68%
Supervisors	94,164	1,415	1.50%
Workers	5,14,587	5,227	1.02%
Total	**8,38,745**	**10,508**	**1.25%**

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 31.03.2022 based on the information provided by CPSEs is given in **Figure 5.7.**

Figure 5.7 Representation of SCs/STs/OBCs

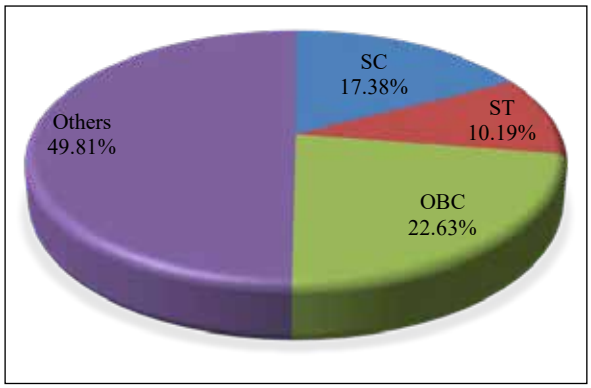


Table 5.6 shows that out 8.39 lakh total employees, 4.21 lakh employees are from the reservation category comprising 1.46 lakh (17.38%) from the SC, 0.85 lakh (10.19%) from the ST and 1.90 lakh (22.63%) from the OBC category.

Table 5.6: Representation of SCs/STs/OBC in CPSEs as on 31.03.2022.

Group	Total No. of Emp.	Representation of SCs, STs and OBCs in the CPSEs as on 31.3.2022					
		SC	%	ST	%	OBC	%
Managerial/Executives	2,29,994	38,609	16.79%	16,448	7.15%	50,327	21.88%
Supervisors	94,164	16,372	17.38%	9,967	10.58%	22,148	23.52%
Workers (Skilled)	3,35,888	65,740	19.57%	40,766	12.14%	91,129	27.13%
Workers (Un-Skilled)	1,78,699	25,059	14.02%	18,269	10.22%	26,165	14.64%
Total	**8,38,745**	**1,45,780**	**17.38%**	**85,450**	**10.19%**	**1,89,769**	**22.63%**

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. 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 previews 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		

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, Representative 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≤Score≤100	Excellent
70≤Score<90	Very Good
50≤Score<70	Good
33≤Score<50	Fair
0≤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
Total MoUs Signed	196	165	144	124	107
Evaluation Report Submitted	186	144	140	122	*

**MOU evaluation for FY 2021-22 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				
	2016-17	2017-18	2018-19	2019-20	2020-21
Excellent	49	49	42	25	22
Very Good	54	41	38	34	40
Good	40	36	30	32	27
Fair	31	39	16	25	21
Poor	24	21	18	24	14
Total	**198**	**186**	**144**	**140**	**124**

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

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:

(i) 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;

(ii) 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;

(iii) Contribution of any amount directly or indirectly to any political party under section 182 of the Act;

(iv) Activities benefitting employees of the company as defined in clause (k) of section 2 of the Code on Wages, 2019 (29 of 2019);

(v) 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, the effect from the 01st day 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." The theme for the Financial Year 2021-22 was "School education, healthcare & nutrition" and the theme identified for the Financial Year 2022-23 is "Health & Nutrition".

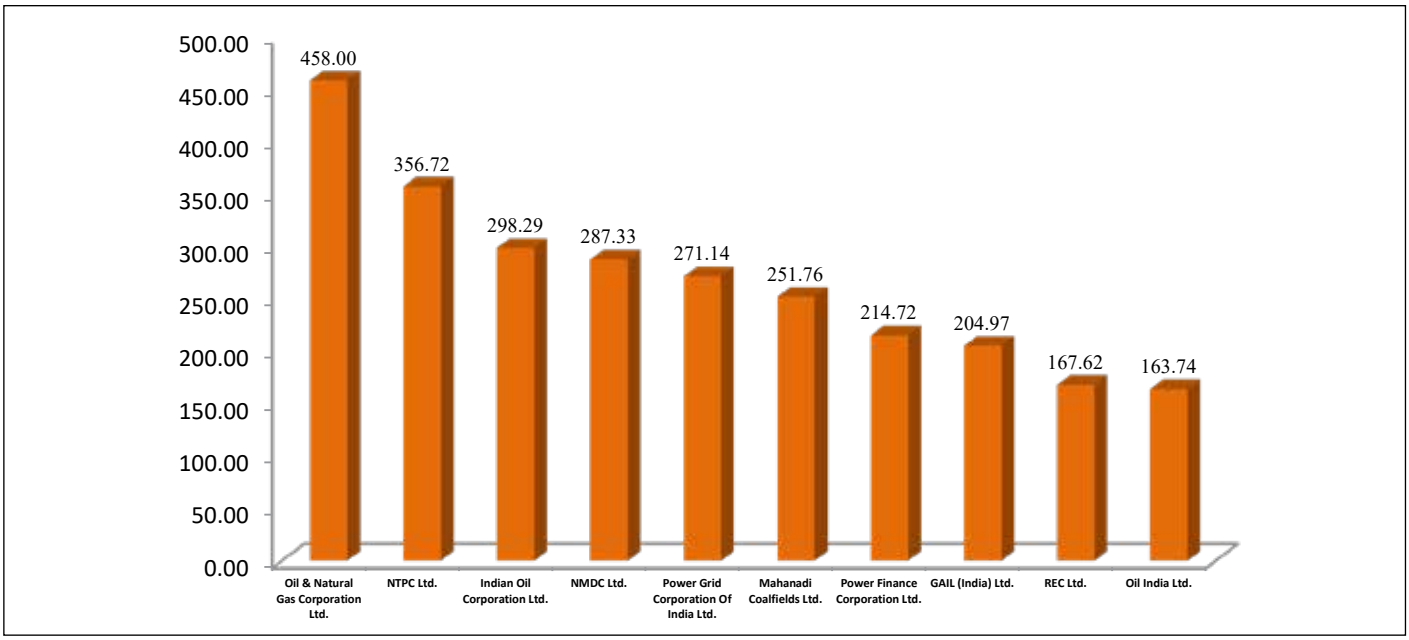
Display of CSR activities on its website - The Board of Directors of the Company shall mandatorily disclose the composition of the CSR Committee, & CSR Policy & Projects approved by the Board on their website, if any, for public access.

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.".

Top 10 CPSEs undertaking CSR Expenditure (₹crore)

The total CSR Expenditure for the year FY2021-22 stood at ₹4600 crore showing a progress of 2.61% as compared to previous year. A total of 160 CPSEs undertook CSR activities during FY2021-22 incurring a total expenditure of ₹4600 crore. The list of top 10 CPSEs undertaking CSR expenditure during FY 2021-22 is given in **Figure 7.2**

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

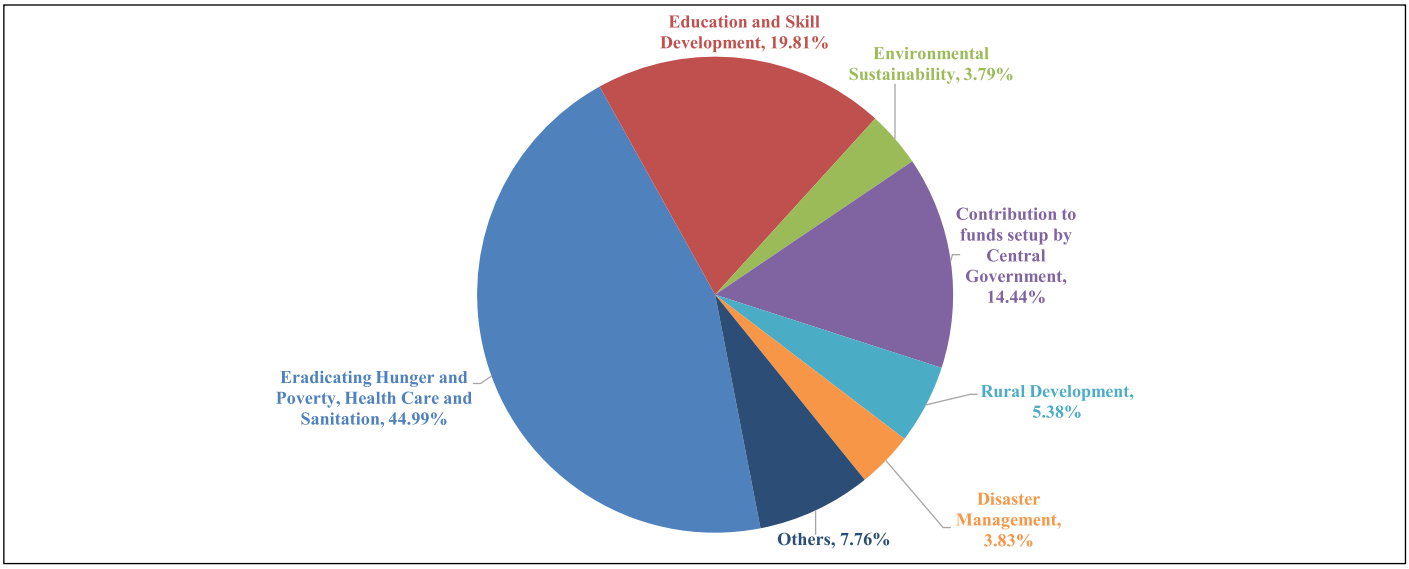


About 58.14% of total CSR expenditure is contributed by the above 10 CPSEs during FY2021-22. The activity-wise break-up of total CSR expenditure for FY 2021-22 is given in **Table 7.1 and Figure 7.3.**

Table 7.1: Activity-wise CSR Expenditure Financial Year 2021-22, (₹crore)

S. No.	Sectors	Actual Expenditure	% share w.r.t Total
1	Eradicating Hunger and Poverty, Health Care and Sanitation	2,070	44.99
2	Education and Skill Development	911	19.81
3	Empowerment of Women and other Economically Backward Sections	65	1.41
4	Environmental Sustainability	175	3.79
5	Art & Culture	26	0.57
6	Armed Forces welfare	6	0.13
7	Sports	70	1.53
8	Contribution to funds setup by Central Government	664	14.44
9	Contribution to Technology Incubators	18	0.39
10	Rural Development	247	5.38
11	Slum Area Development	4	0.08
12	Disaster Management	176	3.83
13	Others	167	3.63
	Total CSR Expenditure	**4,600**	**100.00**

Figure 7.3: Activity-wise CSR Expenditure for Financial Year 2021-22



The CPSE-wise details of allocation and Expenditure on CSR during the Financial Year 2021-22 are given in **Table 7.2.**

Table 7.2: CSR Allocation & Expenditure by CPSEs for Financial Year 2021-22 (₹lakh)

S. No.	Name of CPSEs	Amount allocated for CSR	Amount incurred	Unspent Amount
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	211	211	-
2	AIRPORTS AUTHORITY OF INDIA	8,653	4,862	3,791
3	ANTRIX CORPORATION LTD.	549	575	-26
4	APOLLO DESIGN APPAREL PARKS LTD.	151	134	17
5	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	142	142	-
6	BALMER LAWRIE & CO. LTD.	445	1,048	-603
7	BALMER LAWRIE INVESTMENTS LTD.	15	15	-

(Cont.)

S. No.	Name of CPSEs	Amount allocated for CSR	Amount incurred	Unspent Amount
8	BEL OPTRONICS DEVICES LTD.	85	16	69
9	BEML LTD.	566	566	-
10	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	30	19	11
11	BHARAT COKING COAL LTD.	493	299	194
12	BHARAT DYNAMICS LTD.	1,807	1,813	-6
13	BHARAT ELECTRONICS LTD.	9,287	4,192	5,095
14	BHARAT HEAVY ELECTRICALS LTD.	2,127	911	1,216
15	BHARAT OMAN REFINERIES LIMITED,	1,587	1,587	-
16	BHARAT PETROLEUM CORPN. LTD.	18,374	13,778	4,596
17	BHARTIYA RAIL BIJLEE CO. LTD.	423	7	416
18	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	11	11	-
19	BRAHAMPUTRA CRACKERS & POLYMER LTD.	2,846	1,796	1,050
20	BRAITHWAITE & CO. LTD.	44	37	7
21	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	12	12	-
22	BRIDGE & ROOF CO.(INDIA) LTD.	91	91	-
23	BROADCAST ENGG. CONSULTANTS INDIA LTD.	4	-	4
24	CENTRAL COALFIELDS LTD.	5,025	3,495	1,530
25	CENTRAL ELECTRONICS LTD.	30	30	-
26	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	660	685	-25
27	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	43	43	-
28	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	809	185	624
29	CENTRAL WAREHOUSING CORPN.	794	803	-9
30	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	101	59	42
31	CHANDIGARH INTERNATIONAL AIRPORT LTD.	63	63	-
32	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	26	3	23
33	CHENNAI PETROLEUM CORPORATION LTD.	973	973	-
34	COAL INDIA LTD.	16,453	7,764	8,689
35	COCHIN SHIPYARD LTD.	1,617	1,619	-2
36	CONCOR AIR LTD.	4	4	-
37	CONTAINER CORPORATION OF INDIA LTD.	3,922	1,517	2,405
38	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	28	86	-58
39	DHOLERA INTERNATIONAL AIRPORT	26	11	15
40	E. C. G. C. LTD.	1,190	1,086	104
41	EASTERN COALFIELDS LTD.	1,257	1,386	-129
42	EdCIL(India) Ltd.	100	110	-10
43	ELECTRONICS CORPN. OF INDIA LTD.	400	371	29
44	ENGINEERS INDIA LTD.	1,048	3,352	-2,304
45	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	46	46	-
46	FERRO SCRAP NIGAM LTD.	80	-	80
47	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	56	106	-50
48	GAIL (INDIA) LTD.	20,497	20,497	-
49	GAIL GAS LTD.	362	362	-

(Cont.)

S. No.	Name of CPSEs	Amount allocated for CSR	Amount incurred	Unspent Amount
50	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	410	410	-
51	GOA SHIPYARD LTD.	432	447	-15
52	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	142	128	14
53	HIL (INDIA) LTD.	-	13	-13
54	HINDUSTAN AERONAUTICS LTD.	7,432	7,827	941
55	HINDUSTAN COPPER LTD.	98	80	18
56	HINDUSTAN PETROLEUM CORPN. LTD.	13,548	12,605	943
57	HINDUSTAN PREFAB LTD.	16	-	16
58	HINDUSTAN SHIPYARD LTD.	21	31	-10
59	HINDUSTAN STEELWORKS COSTN. LTD.	69	69	-
60	HLL INFRA TECH SERVICES LTD.	58	2	56
61	HLL LIFECARE LTD.	168	154	14
62	HMT LTD.	41	41	-
63	HOUSING & URBAN DEV. CORPN. LTD.	7,217	2,947	4,270
64	HSCC (INDIA) LTD.	110	105	5
65	I T I LTD.	99	99	-
66	INDIA INFRASTRUCTURE FINANCE CO. LTD.	286	16	270
67	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	12	12	-
68	INDIA TOURISM DEV. CORPN. LTD.	27	2	25
69	INDIA TRADE PROMOTION ORGANISATION	372	728	-356
70	INDIA UNITED TEXTILE MILLS LTD.	27	-	27
71	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	31	-	31
72	INDIAN OIL CORPORATION LTD.	20,477	29,829	-9,352
73	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	787	787	-
74	INDIAN RAILWAY FINANCE CORPORATION LTD.	11,308	9,475	1,833
75	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	1,210	951	259
76	IRCON INFRASTRUCTURE & SERVICES LTD.	28	16	11
77	IRCON INTERNATIONAL LTD.	1,050	1,052	-2
78	IREL (INDIA) LTD.	679	770	-91
79	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	48	48	-
80	KANTI BIJLEE UTPADAN NIGAM LTD.	282	91	191
81	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	58	58	-
82	KIOCL LTD.	1,439	1,341	98
83	KONKAN RAILWAY CORPORATION LTD.	152	142	10
84	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	22	22	-
85	LANCOTEESTA HYDRO POWER LTD	8	5	3
86	M M T C LTD.	10	5	5
87	M S T C LTD.	24	18	6
88	MADRAS FERTILIZERS LTD.	41	41	-
89	MAHANADI COALFIELDS LTD.	18,162	25,176	-7,014
90	MANGALORE REFINERY & PETROCHEMICALS LTD.	2,168	973	1,195

(Cont.)

S. No.	Name of CPSEs	Amount allocated for CSR	Amount incurred	Unspent Amount
91	MAZAGON DOCK SHIPBUILDERS LTD.	1,567	1,111	456
92	MECON LTD.	343	150	193
93	MINERAL EXPLORATION CORPN. LTD.	370	373	-3
94	MISHRA DHATU NIGAM LTD.	452	481	-29
95	MOIL LTD.	1,350	3,320	-1,970
96	MUMBAI RAILWAY VIKAS CORPORATION LTD.	52	52	-
97	NABINAGAR POWER GENERATING COMPANY LTD.	193	561	-368
98	NATIONAL ALUMINIUM COMPANY LTD.	2,860	3,691	-831
99	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	-62	45	-107
100	NATIONAL FERTILIZERS LTD.	537	409	128
101	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	18	18	-
102	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	205	228	-23
103	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	112	-	112
104	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	315	201	114
105	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	148	40	108
106	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	54	32	22
107	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	227	103	124
108	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	92	71	21
109	NATIONAL SEEDS CORPN. LTD.	76	70	6
110	NATIONAL SMALL INDUSTRIES CORPN. LTD.	224	224	-
111	NBCC (INDIA) LTD.	580	256	324
112	NBCC SERVICES LTD.	38	38	-
113	NEWSPACE INDIA LTD.	231	231	-
114	NHDC LTD.	1,855	1,991	-136
115	NHPC LTD.	4,525	10,529	-6,004
116	NLC INDIA LTD.	4,080	4,080	-
117	NLC TAMIL NADU POWER LTD.	1,180	311	869
118	NMDC CSR FOUNDATION	-	44	-44
119	NMDC Ltd.	25,000	28,733	-3,733
120	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	545	104	441
121	NORTHERN COALFIELDS LTD.	12,352	12,352	-
122	NTPC ELECTRIC SUPPLY COMPANY LTD.	11	11	-
123	NTPC LTD.	28,180	35,672	-7,492
124	NTPC VIDYUT VYAPAR NIGAM LTD.	228	80	148
125	NUCLEAR POWER CORPN. OF INDIA LTD.	10,190	10,196	-6
126	NUMALIGARH REFINERY LTD.	5,905	7,414	-1,509
127	OIL & NATURAL GAS CORPORATION LTD.	43,602	45,800	-2,198
128	OIL INDIA LTD.	12,000	16,374	-4,374
129	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	13	9	4
130	P E C LTD.	25	25	-
131	PAWAN HANS LTD.	205	-	205
132	PFC CONSULTING LTD.	298	201	97

(Cont.)

S. No.	Name of CPSEs	Amount allocated for CSR	Amount incurred	Unspent Amount
133	POWER FINANCE CORPORATION LTD.	31,387	21,472	9,915
134	POWER GRID CORPORATION OF INDIA LTD.	25,707	27,114	-1,407
135	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	17	17	-
136	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	103	103	-
137	POWER SYSTEM OPERATION CORPORATION LTD.	120	121	-1
138	POWERGRID HIMACHAL TRANSMISSION LTD.	131	131	-
139	POWERGRID UNCHAHAR TRANSMISSION LTD.	26	26	-
140	PROJECTS & DEVELOPMENT INDIA LTD.	75	75	-
141	RAIL VIKAS NIGAM LTD.	1,937	1,958	-21
142	RAILTEL CORPORATION INDIA LTD.	370	120	250
143	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	91	81	10
144	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	698	698	-
145	RASHTRIYA ISPAT NIGAM LTD.	1,200	1,142	58
146	RATLE HYDROELECTRIC POWER CORPORATION LTD.	10	9	1
147	REC LTD.	16,722	16,762	-40
148	REC POWER DEVELOPMENT & CONSULTANCY LTD.	110	118	-8
149	RICHARDSON & CRUDDAS(1972) LTD.	87	87	-
150	RITES LTD.	1,387	962	425
151	SAGARMALA DEVELOPMENT COMPANY LTD.	14	14	-
152	SAIL REFRACTORY COMPANY LTD.	45	47	-2
153	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	1,852	724	1,128
154	SHIPPING CORPORATION OF INDIA LTD.	683	473	210
155	SIDCUL CONCOR INFRA COMPANY LTD.	-	4	-4
156	SJVN LTD.	5,167	5,167	-
157	SOLAR ENERGY CORPORATION OF INDIA	425	447	-22
158	SOUTH EASTERN COALFIELDS LTD.	10,867	7,982	2,885
159	STEEL AUTHORITY OF INDIA LTD.	8,821	9,424	-603
160	TAMIL NADU TRADE PROMOTION ORGANISATION	125	-	125
161	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	89	82	7
162	THDC INDIA LTD.	2,623	2,720	-97
163	THE COTTON CORPN. OF INDIA LTD.	118	119	-1
164	THE FERTILIZER CORPN. OF INDIA LTD.	48	48	-
165	THE JUTE CORPN. OF INDIA LTD.	41	27	14
166	URANIUM CORPORATION OF INDIA LTD.	1,075	1,294	-219
167	WAPCOS LTD.	296	257	39
168	WESTERN COALFIELDS LTD.	1,005	1,254	-249
GRAND TOTAL :		**4,65,780**	**4,60,004**	**7,111**

Note: 1.Total number of CPSEs incurred CSR expenditure is 160.
2.Negative amount means extra amount spent more than the amount allocated.
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 2021-22, 191 CPSEs reported a total procurement from MSEs amounting to ₹53594.41 crore during FY 2021-22, which shows an increase of 28% over previous year.

Cognate Group-wise Procurement from MSEs for FY 2021-22 & FY 2020-21 is given in **Table 7.3.** The details of procurement from MSEs by CPSEs during FY2021-22 is at Statement-I.

Table 7.3: Cognate Group-wise Procurement from MSEs for FY 2021-22 & FY 2020-21 (₹ Lakh).

S. No.	Cognate Group	Total procurement		Total procurement from MSEs		Procuremet from MSEs owned by SC/ST entrepreneurs		Annual procurement from MSEs owned by Women	
		2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22
1	Agro Based Industries	11,890	12,777	4,988	6,106	-	7	558	106
2	Coal	5,65,663	8,35,223	1,19,322	2,09,123	907	1,420	1,546	4,949
3	Crude Oil	7,61,240	13,37,106	2,73,649	4,43,335	1,700	9,245	3,306	13,369
4	Other Minerals & Metals	2,92,665	4,08,182	1,01,781	1,47,995	2,552	4,050	2,552	5,888
5	Steel	12,31,101	17,84,902	2,07,447	3,29,311	812	1,857	2,991	6,432
6	Petroleum (Refinery & Marketing)	65,28,832	78,51,627	13,53,582	16,42,820	51,177	62,126	18,023	29,113
7	Fertilizers	8,98,082	16,67,644	73,790	91,771	876	778	836	1,164
8	Chemicals & Pharmaceuticals	87,106	1,38,746	18,922	33,281	2	1,364	128	436
9	Heavy & Medium Engineering	22,14,998	30,84,697	7,03,774	10,24,308	8,293	11,537	8,105	25,658
10	Transportation Vehicle & Equipment	1,72,722	2,10,927	51,288	66,691	1,306	741	426	515

(Cont.)

S. No.	Cognate Group	Total procurement		Total procurement from MSEs		Procuremet from MSEs owned by SC/ST entrepreneurs		Annual procurement from MSEs owned by Women	
		2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22
11	Industrial And Consumer Goods	2,52,044	1,06,413	39,698	49,101	66	687	965	2,707
12	Textiles	2,767	8,483	203	893	2	1	2	4
13	Power Generation	12,30,935	12,23,984	5,00,922	5,28,351	5,360	6,394	8,819	12,395
14	Power Transmission	2,44,431	2,27,441	1,10,583	1,17,054	740	1,752	2,798	7,522
15	Trading & Marketing	1,10,699	96,272	65,037	38,016	590	215	1,171	1,380
16	Transport And Logistic Services	7,46,530	6,55,286	2,71,857	2,69,791	1,944	8,315	9,611	19,765
17	Contract & Construction And Tech. Consultancy Services	3,20,747	4,10,790	1,28,383	1,95,216	656	3,884	684	5,019
18	Hotel And Tourist Services	3,701	7,078	905	2,030	198	12	10	111
19	Financial Services	13,001	30,176	6,522	12,892	242	195	564	1,039
20	Telecommunication & Information Technology	4,14,451	8,38,430	1,31,255	1,40,365	209	324	1,943	3,237
21	Under Construction	18,24,122	17,60,933	8,864	10,991	101	156	35	847
	GRAND TOTAL :	**1,79,27,727**	**2,26,97,117**	**41,72,772**	**53,59,441**	**77,733**	**1,15,060**	**65,073**	**1,41,656**

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-empanelled 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 2021-22 is summarised in **Table 7.4**.

Table 7.4: Procurement through GeM in FY 2021-22 (₹ lakh)

S No.	Cognate Group	Total procurement	Annual procurement from GeM	Annual procurement from MSEs on GeM
1	Agro Based Industries	12,777	1,581	1,579
2	Coal	8,35,223	2,37,376	1,36,403
3	Crude Oil	13,37,106	5,09,286	1,85,008
4	Other Minerals & Metals	4,08,182	2,66,036	63,529
5	Steel	17,84,902	6,39,181	2,59,789
6	Petroleum (Refinery & Marketing)	78,51,627	8,99,721	2,60,746
7	Fertilizers	16,67,644	33,468	4,379
8	Chemicals & Pharmaceuticals	1,38,746	14,276	11,349
9	Heavy & Medium Engineering	30,84,697	6,82,652	3,57,611
10	Transportation Vehicle & Equipment	2,10,927	34,328	27,580
11	Industrial And Consumer Goods	1,06,413	32,976	13,905
12	Textiles	8,483	301	45
13	Power Generation	12,23,984	3,29,578	1,33,746
14	Power Transmission	2,27,441	73,553	46,917
15	Trading & Marketing	96,272	1,105	237
16	Transport And Logistic Services	6,55,286	3,22,226	1,20,855
17	Contract & Construction And Tech. Consultancy Services	4,10,790	63,899	28,893
18	Hotel And Tourist Services	7,078	641	561
19	Financial Services	30,176	20,790	9,756
20	Telecommunication & Information Technology	8,38,430	15,993	13,928
21	Under Construction	17,60,933	6,018	5,697
GRAND TOTAL :		**2,26,97,117**	**41,84,985**	**16,82,513**

Statement and Appendices

STATEMENT - A

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

(₹ in Lakhs)

S. No.	Ministry / Deptt. / CPSE	2021-22	2020-21	2019-20
MINISTRY OF AGRICULTURE AND FARMERS WELFARE				
D/O AGRICULTURE COOPERATION AND FARMERS WELFARE				
1	NATIONAL SEEDS CORPN. LTD.	1076	244	2992
	SUB TOTAL :	**1076**	**244**	**2992**
MINISTRY OF AGRICULTURE AND FARMERS WELFARE				
D/O AGRICULTURE RESEARCH AND EDUCATION				
2	AGRINNOVATE INDIA LTD.	154	139	281
	SUB TOTAL :	**154**	**139**	**281**
MINISTRY OF AYUSH				
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	3376	1105	45
	SUB TOTAL :	**3376**	**1105**	**45**
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O CHEMICALS & PETROCHEMICALS				
4	HIL (INDIA) LTD.	221	115	59
5	HINDUSTAN FLUOROCARBONS LIMITED	0	0	-363
6	HINDUSTAN ORGANIC CHEMICALS LTD.	-2324	1597	-9475
	SUB TOTAL :	**-2103**	**1712**	**-9779**
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O FERTILIZER				
7	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	-9764	-13775	-12970
8	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1159	1348	1491
9	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	35328	35047	97550
10	HINDUSTAN FERTILIZER CORPN. LTD.	252	942	1043
11	MADRAS FERTILIZERS LTD.	16205	287	-12526
12	NATIONAL FERTILIZERS LTD.	10820	24963	-17101
13	PROJECTS & DEVELOPMENT INDIA LTD.	-160	1907	3183
14	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	70436	38194	20815
15	THE FERTILIZER CORPN. OF INDIA LTD.	3574	5105	5277
	SUB TOTAL :	**127850**	**94018**	**86762**
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O PHARMACEUTICALS				
16	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	747	608	1307
17	BIHAR DRUGS AND ORGANIC CHEMICALS LTD	0	-49	-49
18	HINDUSTAN ANTIBIOTICS LTD.	-1621	-3826	-13840
19	IDPL (TAMILNADU) LTD.	0	-239	-239
20	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2466	2318	2299
22	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD	-6	-3	-3
23	MANIPUR STATE DRUGS & PHAREMACEUTICALS LTD	-4297	-3691	-3086

(Cont.)

S. No.	Ministry / Deptt. / CPSE	2021-22	2020-21	2019-20
24	ORISSA DRUGS & CHEMICALS LTD.	0	0	0
25	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0
	SUB TOTAL :	**-2711**	**-4882**	**-13611**
MINISTRY OF CIVIL AVIATION				
26	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	10521	7226	10809
27	AI AIRPORT SERVICES LTD.	1533	-19003	6621
28	AI ENGINEERING SERVICES LTD.	83712	-1673	5557
29	AIR INDIA ASSETS HOLDING LTD	-141676	4369	0
30	AIR INDIA EXPRESS LTD.	0	10010	41417
31	AIR INDIA LTD.	0	-701742	-776573
32	AIRPORTS AUTHORITY OF INDIA	876	-196206	198509
33	ALLIANCE AIR AVIATION LTD.	-44776	-36009	-23520
34	CHANDIGARH INTERNATIONAL AIRPORT LTD.	3569	1476	3319
35	HOTEL CORPN. OF INDIA LTD.	-9432	-9732	-5555
36	PAWAN HANS LTD.	-1811	-1745	-1346
	SUB TOTAL :	**-97484**	**-943029**	**-540762**
MINISTRY OF COAL				
37	BHARAT COKING COAL LTD.	11162	-120248	91868
38	CENTRAL COALFIELDS LTD.	169692	122128	184775
39	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	28212	31696	19339
40	CHHATTISGARH EAST RAILWAYS LTD.	6233	776	-2248
41	COAL INDIA LTD.	1120157	764010	1128088
42	EASTERN COALFIELDS LTD.	-106066	-75958	99765
43	MAHANADI COALFIELDS LTD.	848050	687235	642739
44	NLC INDIA LTD.	123678	101046	141385
45	NLC TAMIL NADU POWER LTD.	21128	36300	14315
46	NORTHERN COALFIELDS LTD.	485705	439839	497143
47	SOUTH EASTERN COALFIELDS LTD.	154487	143995	173492
48	WESTERN COALFIELDS LTD.	94241	23429	-52828
	SUB TOTAL :	**2956679**	**2154248**	**2937833**
MINISTRY OF COMMERCE & INDUSTRY				
D/O PROMOTION OF INDUSTRY AND INTERNAL TRADE				
49	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	231	202	613
	SUB TOTAL :	**231**	**202**	**613**
MINISTRY OF COMMERCE & INDUSTRY				
D/O COMMERCE				
50	E. C. G. C. LTD.	87516	46030	32384
51	INDIA TRADE PROMOTION ORGANISATION	-5283	-8393	9012
52	KARNATAKA TRADE PROMOTION ORGANISATION	131	308	268
53	M M T C LTD.	-24193	-76969	-22711
54	P E C LTD.	-31429	-49965	-49965
55	STATE TRADING CORPN. OF INDIA LTD.	-9397	-5123	-11363

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S. No.	Ministry / Deptt. / CPSE	2021-22	2020-21	2019-20
56	STCL LTD.	0	0	-47
57	TAMIL NADU TRADE PROMOTION ORGANISATION	389	578	3604
	SUB TOTAL :	**17734**	**-93534**	**-38818**
MINISTRY OF COMMUNICATION				
D/O TELECOMMUNICATIONS				
58	BHARAT BROADBAND NETWORK LTD.	-249	145	324
59	BHARAT SANCHAR NIGAM LTD.	-698162	-744112	-1549952
60	I T I LTD.	12106	1120	14748
61	MAHANAGAR TELEPHONE NIGAM LTD.	-260259	-246180	-369568
62	MILLENNIUM TELECOM LTD.	20	14	26
63	TCIL BINA TOLL ROAD LTD.	8	139	-2104
64	TCIL LAKHNADONE TOLL ROAD LTD.	-520	-300	-756
65	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	3033	5277	4443
	SUB TOTAL :	**-944023**	**-983897**	**-1902839**
MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION				
D/O FOOD & PUBLIC DISTRIBUTION				
66	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	3165	1937	1632
67	CENTRAL WAREHOUSING CORPN.	45056	43817	37232
68	FOOD CORPN. OF INDIA	0	0	0
	SUB TOTAL :	**48221**	**45754**	**38864**
MINISTRY OF DEFENCE				
D/O DEFENCE PRODUCTION				
69	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	484	0	0
70	ARMOURED VEHICLES NIGAM LIMITED	5419	0	0
71	BEL OPTRONICS DEVICES LTD.	516	490	301
72	BEL-THALES SYSTEMS LTD.	521	315	334
73	BEML LTD.	13459	7480	6838
74	BHARAT DYNAMICS LTD.	49992	25777	53490
75	BHARAT ELECTRONICS LTD.	234893	206542	179383
76	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	18953	15347	16348
77	GOA SHIPYARD LTD.	10109	12791	19777
78	HINDUSTAN AERONAUTICS LTD.	508650	323945	284201
79	HINDUSTAN SHIPYARD LTD.	5078	-1401	1303
80	MAZAGON DOCK SHIPBUILDERS LTD.	58647	47958	40848
81	MISHRA DHATU NIGAM LTD.	17631	16629	15973
82	MUNITIONS INDIA LTD.	1483	0	0
83	NAINI AEROSPACE LTD.	-1282	-1104	-908
84	TROOP COMFORTS LIMITED	1951	0	0
85	VIGNYAN INDUSTRIES LTD.	0	-33	-33
	SUB TOTAL :	**926504**	**654736**	**617855**
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION				
86	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	-110	-110	-439

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S. No.	Ministry / Deptt. / CPSE	2021-22	2020-21	2019-20
87	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	-630	-630	-698
	SUB TOTAL :	**-740**	**-740**	**-1137**
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY				
88	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	4617	9823	9076
	SUB TOTAL :	**4617**	**9823**	**9076**
MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE				
89	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP. LTD	0	0	0
	SUB TOTAL :	**0**	**0**	**0**
MINISTRY OF FINANCE				
D/O FINANCIAL SERVICES				
90	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	6556	4462	8576
91	IIFCL ASSET MANAGEMENT COMPANY LTD.	216	142	82
92	IIFCL PROJECTS LTD.	374	246	157
93	INDIA INFRASTRUCTURE FINANCE CO. LTD.	51425	28527	5092
	SUB TOTAL :	**58571**	**33377**	**13907**
MINISTRY OF FINANCE				
D/O ECONOMIC AFFAIRS				
94	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	68919	42381	72531
	SUB TOTAL :	**68919**	**42381**	**72531**
MINISTRY OF HEALTH & FAMILY WELFARE				
DEPARTMENT OF HEALTH AND FAMILY WELFARE				
95	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	-666	-1156	-543
96	HLL BIOTECH LTD.	54734	-3200	-4818
97	HLL INFRA TECH SERVICES LTD.	1760	1086	3163
98	HLL LIFECARE LTD.	40823	11272	11049
99	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	-1	-279
	SUB TOTAL :	**96651**	**8001**	**8572**
MINISTRY OF HEAVY INDUSTRIES				
100	ANDREW YULE & COMPANY LTD.	-90	2120	-2052
101	BHARAT HEAVY ELECTRICALS LTD.	41024	-271714	-147297
102	BHARAT PUMPS & COMPRESSORS LTD.	0	0	-2699
103	BHEL ELECTRICAL MACHINES LTD.	0	-546	-546
104	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	315	1168	196
105	BRIDGE & ROOF CO.(INDIA) LTD.	2128	780	3142
106	CEMENT CORPN. OF INDIA LTD.	4020	1315	-5094
107	ENGINEERING PROJECTS (INDIA) LTD.	-6506	-4974	92
108	HEAVY ENGINEERING CORPN. LTD.	-25607	-17578	-40537
109	HINDUSTAN CABLES LTD.	0	0	1389
110	HINDUSTAN NEWSPRINT LTD.	0	-13186	-13186

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S. No.	Ministry / Deptt. / CPSE	2021-22	2020-21	2019-20
111	HINDUSTAN PAPER CORPORATION LTD.	0	0	0
112	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0
113	HINDUSTAN SALTS LTD.	152	580	-184
114	HMT (INTERNATIONAL) LTD.	21	97	271
115	HMT BEARINGS LTD.	0	0	292
116	HMT CHINAR WATCHES LTD.	0	0	0
117	HMT LTD.	3836	2749	24818
118	HMT MACHINE TOOLS LTD.	-14573	-13279	-9872
119	HMT WATCHES LTD.	0	0	96
120	HOOGHLY PRINTING COMPANY LTD.	0	-116	-116
121	INSTRUMENTATION LTD.	2209	3476	3558
122	NAGALAND PULP & PAPER COMPANY LTD.	0	-1739	-1739
123	NEPA LTD.	-5990	-5390	-7126
124	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	-846	-1278	-1707
125	RICHARDSON & CRUDDAS(1972) LTD.	1934	2947	2947
126	SAMBHAR SALTS LTD.	1085	535	-259
127	SCOOTERS INDIA LTD.	0	0	-1573
128	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0
	SUB TOTAL :	**3112**	**-314033**	**-197186**
MINISTRY OF HOME AFFAIRS				
129	DELHI POLICE HOUSING CORPORATION LTD.	16	49	60
	SUB TOTAL :	**16**	**49**	**60**
MINISTRY OF HOUSING & URBAN AFFAIRS				
130	HINDUSTAN PREFAB LTD.	-1204	167	-1498
131	HINDUSTAN STEELWORKS COSTN. LTD.	2777	2948	4420
132	HOUSING & URBAN DEV. CORPN. LTD.	171660	157858	170842
133	HSCC (INDIA) LTD.	2518	1368	3763
134	NBCC (INDIA) LTD.	18286	20174	7987
135	NBCC ENGINEERING AND CONSULTANCY LTD.	0	0	-125
136	NBCC SERVICES LTD.	426	955	413
	SUB TOTAL :	**194463**	**183470**	**185802**
MINISTRY OF HUMAN RESOURCE DEVELOPMENT				
D/O HIGHER EDUCATION				
137	EdCIL(India) Ltd.	5042	3689	4092
	SUB TOTAL :	**5042**	**3689**	**4092**
MINISTRY OF INFORMATION & BROADCASTING				
138	BROADCAST ENGG. CONSULTANTS INDIA LTD.	1109	255	-481
139	NATIONAL FILM DEV. CORPN. LTD.	-674	64	-815
	SUB TOTAL :	**435**	**319**	**-1296**
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES				
140	NATIONAL SMALL INDUSTRIES CORPN. LTD.	10823	10159	9919
141	NSIC VENTURE CAPITAL FUND LTD.	190	-61	0
	SUB TOTAL :	**11013**	**10098**	**9919**

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S. No.	Ministry / Deptt. / CPSE	2021-22	2020-21	2019-20
MINISTRY OF MINES				
142	HINDUSTAN COPPER LTD.	37378	10998	-56935
143	MINERAL EXPLORATION CORPN. LTD.	2021	14979	14613
144	NATIONAL ALUMINIUM COMPANY LTD.	295197	129953	13823
	SUB TOTAL :	**334596**	**155930**	**-28499**
MINISTRY OF MINORITIES AFFAIRS				
145	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	6764	6546	6390
	SUB TOTAL :	**6764**	**6546**	**6390**
MINISTRY OF NEW AND RENEWABLE ENERGY				
146	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	63353	34641	21455
147	SOLAR ENERGY CORPORATION OF INDIA	24032	17771	17894
	SUB TOTAL :	**87385**	**52412**	**39349**
MINISTRY OF PETROLEUM & NATURAL GAS				
148	BALMER LAWRIE & CO. LTD.	12281	11645	17717
149	BALMER LAWRIE INVESTMENTS LTD.	6662	8462	8358
150	BHARAT GAS RESOURCES LTD,	14984	36	-1038
151	BHARAT OMAN REFINERIES LIMITED,	89217	-7635	0
152	BHARAT PETRO RESOURCES LTD.	-2281	-179685	-91503
153	BHARAT PETROLEUM CORPN. LTD.	878873	1904167	268319
154	BPCL-KIAL FUEL FARM PVT. LTD.	-385	-606	-197
155	BRAHAMPUTRA CRACKERS & POLYMER LTD.	69053	73990	150760
156	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	811	1123	1008
157	CHENNAI PETROLEUM CORPORATION LTD.	134242	23756	-207758
158	ENGINEERS INDIA LTD.	34441	25950	43024
159	GAIL (INDIA) LTD.	1036397	489019	662063
160	GAIL GAS LTD.	28336	15770	15625
161	HINDUSTAN PETROLEUM CORPN. LTD.	638263	1066388	263726
162	HPCL BIOFUELS LTD.	-6695	-8008	-8555
163	INDIAN OIL CORPORATION LTD.	2418410	2183604	131323
164	KONKAN LNG LIMITED	38470	-4259	27027
165	MANGALORE REFINERY & PETROCHEMICALS LTD.	295527	-76117	-274035
166	NUMALIGARH REFINERY LTD.	356156	303610	138132
167	OIL & NATURAL GAS CORPORATION LTD.	4030574	1124644	1346368
168	OIL INDIA INTERNATIONAL LTD.	0	0	617
169	OIL INDIA LTD.	388731	174159	258406
170	ONGC MANGALORE PETROCHEMICALS LTD.	0	-45572	-140384
171	ONGC VIDESH LTD.	149393	188588	43519
172	PRIZE PETROLEUM COMPANY LTD.	-579	359	-1696
173	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	-821	-1259	-1605
	SUB TOTAL :	**10610060**	**7272129**	**2649221**
MINISTRY OF PORTS, SHIPPING & WATERWAYS				
174	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0
175	COCHIN SHIPYARD LTD.	58657	61010	63769
176	HOOGHLY DOCK AND PORT ENGINEERS LTD.	0	0	11764

(Cont.)

S. No.	Ministry / Deptt. / CPSE	2021-22	2020-21	2019-20
177	HOOGLY COCHIN SHIPYARD LTD.	-284	-316	-249
178	INDIAN PORTS GLOBAL LTD	843	-116	-124
179	INLAND & COASTAL SHIPPING LTD.	-89	-25	0
180	SAGARMALA DEVELOPMENT COMPANY LTD.	703	88	678
181	SHIPPING CORPORATION OF INDIA LTD.	79479	61810	30235
182	UDUPI COCHIN SHIPYARDS LTD.	-1294	-136	0
	SUB TOTAL :	**138015**	**122315**	**106073**
MINISTRY OF POWER				
183	BHARTIYA RAIL BIJLEE CO. LTD.	32869	28248	25846
184	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	4003	-3	0
185	KANTI BIJLEE UTPADAN NIGAM LTD.	13184	13453	10398
186	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	0	0	10
187	NABINAGAR POWER GENERATING COMPANY LTD.	43699	18257	11133
188	NHDC LTD.	51296	67070	94016
189	NHPC LTD.	353771	324506	300717
190	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	21229	4790	19628
191	NTPC ELECTRIC SUPPLY COMPANY LTD.	29	552	738
192	NTPC LTD.	1611142	1376952	1011281
193	NTPC VIDYUT VYAPAR NIGAM LTD.	15026	9202	1753
194	PATRATU VIDYUT UTPADAN NIGAM LTD.	-3	-21	-41
195	PFC CONSULTING LTD.	3768	2710	5829
196	POWER GRID MITHILANCHAL TRANSMISSION LTD.	3809	95	0
197	POWER FINANCE CORPORATION LTD.	1002190	844401	565514
198	POWER GRID AJMER PHAGI TRANSMISSION LTD.	91	-1	-33
199	POWER GRID CORPORATION OF INDIA LTD.	1709376	1193578	1081118
200	POWER GRID FATEGARH TRANSMISSION LTD	226	0	0
201	POWER GRID JABALPUR TRANSMISSION LTD.	0	8970	4839
202	POWER GRID KHETRI TRANSMISSION LTD.	596	-4	-33
203	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	19162	1915	0
204	POWER GRID PARLI TRANSMISSION LTD.	0	13653	7922
205	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	-3750	10868	868
206	POWER GRID VARANASI TRANSMISSION LTD.	2016	1	0
207	POWER GRID WARORA TRANSMISSION LTD.	0	14028	7609
208	POWER SYSTEM OPERATION CORPORATION LTD.	4439	2050	5755
209	POWERGRID HIMACHAL TRANSMISSION LTD.	5128	3000	0
210	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	1712	104	0
211	POWERGRID KALA AMB TRANSMISSION LTD.	0	2947	2337
212	POWERGRID NM TRANMISSION LTD.	751	-3705	-2948
213	POWERGRID UNCHAHAR TRANSMISSION LTD.	1676	494	964
214	POWERGRID VIZAG TRANSMISSION LTD.	0	10920	15175
215	RATNAGIRI GAS & POWER PVT. LTD.	-20123	0	0

(Cont.)

S. No.	Ministry / Deptt. / CPSE	2021-22	2020-21	2019-20
216	REC LTD.	1004592	836178	488616
217	REC POWER DEVELOPMENT & CONSULTANCY LTD.	5303	2561	6691
218	REC TRANSMISSION PROJECTS CO. LTD.	0	0	5444
219	SJVN LTD.	97752	163304	155743
220	THDC INDIA LTD.	89478	109241	92025
	SUB TOTAL :	**6074437**	**5060314**	**3918914**
MINISTRY OF RAILWAYS				
221	BHARAT WAGON & ENGG. CO. LTD.	0	0	0
222	BRAITHWAITE & CO. LTD.	4242	2472	1978
223	BURN STANDARD COMPANY LTD.	0	0	0
224	CONCOR AIR LTD.	-965	-293	720
225	CONTAINER CORPORATION OF INDIA LTD.	106234	50333	37578
226	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	-1615	11245	-9052
227	FRESH & HEALTHY ENTERPRISES LTD.	-373	-484	-645
228	HSRC INFRA SERVICES LTD.	191	-21	5
229	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	66369	18702	51311
230	INDIAN RAILWAY FINANCE CORPORATION LTD.	608984	441613	319209
231	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	0	0	0
232	IRCON BHOJ MORBE EXPRESSWAY LTD.	0	0	0
233	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	587	65	77
234	IRCON GURGAON REWARI HIGHWAY SERVICES	-1	0	0
235	IRCON HARIDWAR BYPASS LIMITED	0	0	0
236	IRCON INFRASTRUCTURE & SERVICES LTD.	530	575	1151
237	IRCON INTERNATIONAL LTD.	54432	40456	48978
238	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	0	0	0
239	IRCON PB TOLLWAY LTD.	-2462	-2138	-1717
240	IRCON SHIVPURI GUNA TOLLWAY LTD.	-1205	-1406	-3083
241	IRCON VADODARA KIM EXPRESSWAY LTD.	6016	28	24
242	KONKAN RAILWAY CORPORATION LTD.	-13508	-36526	384
243	MUMBAI RAILWAY VIKAS CORPORATION LTD.	757	2325	1960
244	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-593	-913	95
245	RAIL VIKAS NIGAM LTD.	108721	94054	78986
246	RAILTEL CORPORATION INDIA LTD.	20834	14041	13835
247	RAILTEL ENTERPRISES LTD.	130	205	270
248	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	4532	2413	3502
249	RITES INFRASTRUCTURE SERVICES LTD.	0	0	0
250	RITES LTD.	49710	42435	59639
251	SIDCUL CONCOR INFRA COMPANY LTD.	21	-29	660
	SUB TOTAL :	**1011568**	**679152**	**605865**
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS				
252	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	11330	8435	8814
	SUB TOTAL :	**11330**	**8435**	**8814**

(Cont.)

S. No.	Ministry / Deptt. / CPSE	2021-22	2020-21	2019-20
MINISTRY OF SCIENCE & TECHNOLOGY				
DEPT. OF BIOTECHNOLOGY				
253	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-875	-1811	-1021
254	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	900	672	795
255	INDIAN VACCINE CORP. LTD.	-369	-3	-45
	SUB TOTAL :	**-344**	**-1142**	**-271**
MINISTRY OF SCIENCE & TECHNOLOGY				
DEPT.OF SCIENTIFIC & INDUSTRIAL RESEARCH				
256	CENTRAL ELECTRONICS LTD.	2378	2326	313
257	NATIONAL RESEARCH DEVELOPMENT CORPN.	5	19	-17
	SUB TOTAL :	**2383**	**2345**	**296**
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT				
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY				
258	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	6415	5403	8568
259	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	620	921	1260
	SUB TOTAL :	**7035**	**6324**	**9828**
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT				
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT				
260	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	3056	3430	2590
261	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1592	2359	-128
262	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	4878	4785	6098
	SUB TOTAL :	**9526**	**10574**	**8560**
MINISTRY OF STEEL				
263	EASTERN INVESTMENT LTD.	-44	79	-56
264	FERRO SCRAP NIGAM LTD.	4036	2275	3058
265	J & K MINERAL DEVELOPMENT CORPN. LTD.	-90	-134	-380
266	JHARKHAND KOLHAN STEEL LTD.	0	0	-1
267	KIOCL LTD.	31341	30117	4348
268	M S T C LTD.	20009	10107	7520
269	MECON LTD.	1370	624	6900
270	MOIL LTD.	37699	17663	24822
271	NMDC CSR FOUNDATION	102	-390	-292
272	NMDC Ltd.	939848	625305	361012
273	NMDC POWER LTD.	0	0	2
274	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-1449	-3965	-7669
275	RASHTRIYA ISPAT NIGAM LTD.	91319	-101216	-391017
276	SAIL REFRACTORY COMPANY LTD.	1966	1188	1422
277	STEEL AUTHORITY OF INDIA LTD.	1201504	385002	202154
278	THE BISRA STONE LIME COMPANY LTD.	781	691	-1028
	SUB TOTAL :	**2328392**	**967346**	**210795**

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S. No.	Ministry / Deptt. / CPSE	2021-22	2020-21	2019-20
MINISTRY OF TEXTILES				
279	APOLLO DESIGN APPAREL PARKS LTD.	-40	-103	0
280	AURANGABAD TEXTILES & APPAREL PARKS LTD.	-75	-76	-76
281	BIRDS JUTE & EXPORTS LTD.	0	0	0
282	BRITISH INDIA CORPORATION LTD.	-10591	-10620	-10620
283	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-2438	-2992	-925
284	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	-81	-159	0
285	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	-400
286	INDIA UNITED TEXTILE MILLS LTD.	842	1028	0
287	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	-157	-963	-1119
288	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0
289	NATIONAL TEXTILE CORPN. LTD.	-30586	-31550	-34655
290	THE COTTON CORPN. OF INDIA LTD.	1329	2613	3807
291	THE JUTE CORPN. OF INDIA LTD.	-1378	1215	1540
	SUB TOTAL :	**-43175**	**-41607**	**-42448**
MINISTRY OF TOURISM				
292	INDIA TOURISM DEV. CORPN. LTD.	686	-2744	2193
293	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	416	517	923
294	PONDICHERRY ASHOK HOTEL CORPN. LTD.	16	-137	-152
295	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-74	-301	-215
296	UTKAL ASHOK HOTEL CORPN. LTD.	-87	-64	-81
	SUB TOTAL :	**957**	**-2729**	**2668**
MINISTRY OF TRIBAL AFFAIRS				
297	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2445	2634	3752
	SUB TOTAL :	**2445**	**2634**	**3752**
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION				
298	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	3511	2439	2007
299	WAPCOS LTD.	4086	3698	14344
	SUB TOTAL :	**7597**	**6137**	**16351**
DEPT. OF ATOMIC ENERGY				
300	ELECTRONICS CORPN. OF INDIA LTD.	22078	10915	5043
301	IREL (INDIA) LTD.	55557	31569	29176
302	NUCLEAR POWER CORPN. OF INDIA LTD.	639478	437067	445892
303	URANIUM CORPORATION OF INDIA LTD.	57672	46182	49996
	SUB TOTAL :	**774785**	**525737**	**530107**
DEPT. OF SPACE				
304	ANTRIX CORPORATION LTD.	2496	5571	22069
305	NEWSPACE INDIA LTD.	34299	15890	0
	SUB TOTAL :	**36795**	**21461**	**22069**
	GRAND TOTAL :	**24878154**	**15757559**	**9351610**

STATEMENT - B

NET PROFIT OF PROFIT MAKING CPSEs (COGNATE GROUP WISE)

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2021-22	2020-21	2019-20
	AGRO BASED INDUSTRIES			
1	NATIONAL SEEDS CORPN. LTD.	1076	244	2992
	SUB TOTAL :	**1076**	**244**	**2992**
	COAL			
2	BHARAT COKING COAL LTD.	11162	-120248	91868
3	CENTRAL COALFIELDS LTD.	169692	122128	184775
4	COAL INDIA LTD.	1120157	764010	1128088
5	MAHANADI COALFIELDS LTD.	848050	687235	642739
6	NORTHERN COALFIELDS LTD.	485705	439839	497143
7	SOUTH EASTERN COALFIELDS LTD.	154487	143995	173492
8	WESTERN COALFIELDS LTD.	94241	23429	-52828
	SUB TOTAL :	**2883494**	**2060388**	**2665277**
	CRUDE OIL			
9	OIL & NATURAL GAS CORPORATION LTD.	4030574	1124644	1346368
10	OIL INDIA LTD.	388731	174159	258406
11	ONGC VIDESH LTD.	149393	188588	43519
	SUB TOTAL :	**4568698**	**1487391**	**1648293**
	OTHER MINERALS & METALS			
12	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1159	1348	1491
13	HINDUSTAN COPPER LTD.	37378	10998	-56935
14	IREL (INDIA) LTD.	55557	31569	29176
15	KIOCL LTD.	31341	30117	4348
16	MOIL LTD.	37699	17663	24822
17	NATIONAL ALUMINIUM COMPANY LTD.	295197	129953	13823
18	NMDC Ltd.	939848	625305	361012
19	THE BISRA STONE LIME COMPANY LTD.	781	691	-1028
20	URANIUM CORPORATION OF INDIA LTD.	57672	46182	49996
	SUB TOTAL :	**1456632**	**893826**	**426705**
	STEEL			
21	FERRO SCRAP NIGAM LTD.	4036	2275	3058
22	MISHRA DHATU NIGAM LTD.	17631	16629	15973
23	RASHTRIYA ISPAT NIGAM LTD.	91319	-101216	-391017
24	STEEL AUTHORITY OF INDIA LTD.	1201504	385002	202154
	SUB TOTAL :	**1314490**	**302690**	**-169832**
	PETROLEUM (REFINERY & MARKETING)			
25	BHARAT GAS RESOURCES LTD,	14984	36	-1038
26	BHARAT OMAN REFINERIES LIMITED,	89217	-7635	0
27	BHARAT PETROLEUM CORPN. LTD.	878873	1904167	268319
28	CHENNAI PETROLEUM CORPORATION LTD.	134242	23756	-207758
29	HINDUSTAN PETROLEUM CORPN. LTD.	638263	1066388	263726

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S. No.	Cognate Group / CPSE	2021-22	2020-21	2019-20
30	INDIAN OIL CORPORATION LTD.	2418410	2183604	131323
31	MANGALORE REFINERY & PETROCHEMICALS LTD.	295527	-76117	-274035
32	NUMALIGARH REFINERY LTD.	356156	303610	138132
	SUB TOTAL :	**4825672**	**5397809**	**318669**
	FERTILIZERS			
33	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	35328	35047	97550
34	HINDUSTAN FERTILIZER CORPN. LTD.	252	942	1043
35	MADRAS FERTILIZERS LTD.	16205	287	-12526
36	NATIONAL FERTILIZERS LTD.	10820	24963	-17101
37	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	70436	38194	20815
	SUB TOTAL :	**133041**	**99433**	**89781**
	CHEMICALS & PHARMACEUTICALS			
38	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	747	608	1307
39	BRAHAMPUTRA CRACKERS & POLYMER LTD.	69053	73990	150760
40	HIL (INDIA) LTD.	221	115	59
41	HLL BIOTECH LTD.	54734	-3200	-4818
42	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	3376	1105	45
43	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2466	2318	2299
	SUB TOTAL :	**130597**	**74936**	**149652**
	HEAVY & MEDIUM ENGINEERING			
44	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	484	0	0
45	ARMOURED VEHICLES NIGAM LIMITED	5419	0	0
46	BALMER LAWRIE & CO. LTD.	12281	11645	17717
47	BEL OPTRONICS DEVICES LTD.	516	490	301
48	BEL-THALES SYSTEMS LTD.	521	315	334
49	BHARAT DYNAMICS LTD.	49992	25777	53490
50	BHARAT ELECTRONICS LTD.	234893	206542	179383
51	BHARAT HEAVY ELECTRICALS LTD.	41024	-271714	-147297
52	BRAITHWAITE & CO. LTD.	4242	2472	1978
53	CENTRAL ELECTRONICS LTD.	2378	2326	313
54	COCHIN SHIPYARD LTD.	58657	61010	63769
55	ELECTRONICS CORPN. OF INDIA LTD.	22078	10915	5043
56	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	18953	15347	16348
57	GOA SHIPYARD LTD.	10109	12791	19777
58	HINDUSTAN AERONAUTICS LTD.	508650	323945	284201
59	HINDUSTAN SHIPYARD LTD.	5078	-1401	1303
60	HMT LTD.	3836	2749	24818
61	I T I LTD.	12106	1120	14748
62	INSTRUMENTATION LTD.	2209	3476	3558
63	MAZAGON DOCK SHIPBUILDERS LTD.	58647	47958	40848
64	MUNITIONS INDIA LTD.	1483	0	0
65	RICHARDSON & CRUDDAS(1972) LTD.	1934	2947	2947
66	SAIL REFRACTORY COMPANY LTD.	1966	1188	1422

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S. No.	Cognate Group / CPSE	2021-22	2020-21	2019-20
67	TROOP COMFORTS LIMITED	1951	0	0
	SUB TOTAL :	**1059407**	**459898**	**585001**
	TRANSPORTATION VEHICLE & EQUIPMENT			
68	BEML LTD.	13459	7480	6838
	SUB TOTAL :	**13459**	**7480**	**6838**
	INDUSTRIAL AND CONSUMER GOODS			
69	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	6415	5403	8568
70	CEMENT CORPN. OF INDIA LTD.	4020	1315	-5094
71	HINDUSTAN SALTS LTD.	152	580	-184
72	HLL LIFECARE LTD.	40823	11272	11049
73	SAMBHAR SALTS LTD.	1085	535	-259
74	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	68919	42381	72531
	SUB TOTAL :	**121414**	**61486**	**86611**
	TEXTILES			
75	INDIA UNITED TEXTILE MILLS LTD.	842	1028	0
	SUB TOTAL :	**842**	**1028**	**0**
	POWER GENERATION			
76	BHARTIYA RAIL BIJLEE CO. LTD.	32869	28248	25846
77	KANTI BIJLEE UTPADAN NIGAM LTD.	13184	13453	10398
78	NABINAGAR POWER GENERATING COMPANY LTD.	43699	18257	11133
79	NHDC LTD.	51296	67070	94016
80	NHPC LTD.	353771	324506	300717
81	NLC INDIA LTD.	123678	101046	141385
82	NLC TAMIL NADU POWER LTD.	21128	36300	14315
83	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	21229	4790	19628
84	NTPC LTD.	1611142	1376952	1011281
85	NUCLEAR POWER CORPN. OF INDIA LTD.	639478	437067	445892
86	SJVN LTD.	97752	163304	155743
87	THDC INDIA LTD.	89478	109241	92025
	SUB TOTAL :	**3098704**	**2680234**	**2322379**
	POWER TRANSMISSION			
88	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	4003	-3	0
89	POWER GRID MITHILANCHAL TRANSMISSION LTD.	3809	95	0
90	POWER GRID AJMER PHAGI TRANSMISSION LTD.	91	-1	-33
91	POWER GRID CORPORATION OF INDIA LTD.	1709376	1193578	1081118
92	POWER GRID FATEGARH TRANSMISSION LTD	226	0	0
93	POWER GRID KHETRI TRANSMISSION LTD.	596	-4	-33
94	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	19162	1915	0
95	POWER GRID VARANASI TRANSMISSION LTD.	2016	1	0
96	POWER SYSTEM OPERATION CORPORATION LTD.	4439	2050	5755
97	POWERGRID HIMACHAL TRANSMISSION LTD.	5128	3000	0
98	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	1712	104	0
99	POWERGRID NM TRANMISSION LTD.	751	-3705	-2948

(Cont.)

S. No.	Cognate Group / CPSE	2021-22	2020-21	2019-20
100	POWERGRID UNCHAHAR TRANSMISSION LTD.	1676	494	964
101	REC POWER DEVELOPMENT & CONSULTANCY LTD.	5303	2561	6691
	SUB TOTAL :	**1758288**	**1200085**	**1091514**
	TRADING & MARKETING			
102	ANTRIX CORPORATION LTD.	2496	5571	22069
103	HMT (INTERNATIONAL) LTD.	21	97	271
104	KARNATAKA TRADE PROMOTION ORGANISATION	131	308	268
105	M S T C LTD.	20009	10107	7520
106	NEWSPACE INDIA LTD.	34299	15890	0
107	NTPC VIDYUT VYAPAR NIGAM LTD.	15026	9202	1753
108	TAMIL NADU TRADE PROMOTION ORGANISATION	389	578	3604
109	THE COTTON CORPN. OF INDIA LTD.	1329	2613	3807
	SUB TOTAL :	**73700**	**44366**	**39292**
	TRANSPORT AND LOGISTIC SERVICES			
110	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	10521	7226	10809
111	AI AIRPORT SERVICES LTD.	1533	-19003	6621
112	AI ENGINEERING SERVICES LTD.	83712	-1673	5557
113	AIRPORTS AUTHORITY OF INDIA	876	-196206	198509
114	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	3165	1937	1632
115	CENTRAL WAREHOUSING CORPN.	45056	43817	37232
116	CHANDIGARH INTERNATIONAL AIRPORT LTD.	3569	1476	3319
117	CONTAINER CORPORATION OF INDIA LTD.	106234	50333	37578
118	GAIL (INDIA) LTD.	1036397	489019	662063
119	GAIL GAS LTD.	28336	15770	15625
120	KONKAN LNG LIMITED	38470	-4259	27027
121	SHIPPING CORPORATION OF INDIA LTD.	79479	61810	30235
122	SIDCUL CONCOR INFRA COMPANY LTD.	21	-29	660
	SUB TOTAL :	**1437369**	**450218**	**1036867**
	CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES			
123	AGRINNOVATE INDIA LTD.	154	139	281
124	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	315	1168	196
125	BRIDGE & ROOF CO.(INDIA) LTD.	2128	780	3142
126	BROADCAST ENGG. CONSULTANTS INDIA LTD.	1109	255	-481
127	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	28212	31696	19339
128	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	811	1123	1008
129	CHHATTISGARH EAST RAILWAYS LTD.	6233	776	-2248
130	DELHI POLICE HOUSING CORPORATION LTD.	16	49	60
131	EdCIL(India) Ltd.	5042	3689	4092
132	ENGINEERS INDIA LTD.	34441	25950	43024
133	HINDUSTAN STEELWORKS COSTN. LTD.	2777	2948	4420
134	HLL INFRA TECH SERVICES LTD.	1760	1086	3163

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S. No.	Cognate Group / CPSE	2021-22	2020-21	2019-20
135	HSCC (INDIA) LTD.	2518	1368	3763
136	HSRC INFRA SERVICES LTD.	191	-21	5
137	IIFCL PROJECTS LTD.	374	246	157
138	INDIAN PORTS GLOBAL LTD	843	-116	-124
139	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	587	65	77
140	IRCON INFRASTRUCTURE & SERVICES LTD.	530	575	1151
141	IRCON INTERNATIONAL LTD.	54432	40456	48978
142	IRCON VADODARA KIM EXPRESSWAY LTD.	6016	28	24
143	MECON LTD.	1370	624	6900
144	MINERAL EXPLORATION CORPN. LTD.	2021	14979	14613
145	MUMBAI RAILWAY VIKAS CORPORATION LTD.	757	2325	1960
146	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	11330	8435	8814
147	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	3511	2439	2007
148	NATIONAL RESEARCH DEVELOPMENT CORPN.	5	19	-17
149	NATIONAL SMALL INDUSTRIES CORPN. LTD.	10823	10159	9919
150	NBCC (INDIA) LTD.	18286	20174	7987
151	NBCC SERVICES LTD.	426	955	413
152	PFC CONSULTING LTD.	3768	2710	5829
153	RAIL VIKAS NIGAM LTD.	108721	94054	78986
154	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	4532	2413	3502
155	RITES LTD.	49710	42435	59639
156	SOLAR ENERGY CORPORATION OF INDIA	24032	17771	17894
157	TCIL BINA TOLL ROAD LTD.	8	139	-2104
158	WAPCOS LTD.	4086	3698	14344
	SUB TOTAL :	**391875**	**335589**	**360713**
	HOTEL AND TOURIST SERVICES			
159	INDIA TOURISM DEV. CORPN. LTD.	686	-2744	2193
160	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	66369	18702	51311
161	PONDICHERRY ASHOK HOTEL CORPN. LTD.	16	-137	-152
	SUB TOTAL :	**67071**	**15821**	**53352**
	FINANCIAL SERVICES			
162	BALMER LAWRIE INVESTMENTS LTD.	6662	8462	8358
163	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	900	672	795
164	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	6556	4462	8576
165	E. C. G. C. LTD.	87516	46030	32384
166	HOUSING & URBAN DEV. CORPN. LTD.	171660	157858	170842
167	IIFCL ASSET MANAGEMENT COMPANY LTD.	216	142	82
168	INDIA INFRASTRUCTURE FINANCE CO. LTD.	51425	28527	5092
169	INDIAN RAILWAY FINANCE CORPORATION LTD.	608984	441613	319209
170	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	63353	34641	21455

(Cont.)

S. No.	Cognate Group / CPSE	2021-22	2020-21	2019-20
171	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	231	202	613
172	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	416	517	923
173	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	3056	3430	2590
174	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	620	921	1260
175	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	6764	6546	6390
176	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1592	2359	-128
177	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	4878	4785	6098
178	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2445	2634	3752
179	NMDC CSR FOUNDATION	102	-390	-292
180	NSIC VENTURE CAPITAL FUND LTD.	190	-61	0
181	POWER FINANCE CORPORATION LTD.	1002190	844401	565514
182	REC LTD.	1004592	836178	488616
183	SAGARMALA DEVELOPMENT COMPANY LTD.	703	88	678
	SUB TOTAL :	**3025051**	**2424017**	**1642807**
	TELECOMMUNICATION & INFORMATION TECHNOLOGY			
184	MILLENNIUM TELECOM LTD.	20	14	26
185	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	4617	9823	9076
186	RAILTEL CORPORATION INDIA LTD.	20834	14041	13835
187	RAILTEL ENTERPRISES LTD.	130	205	270
188	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	3033	5277	4443
	SUB TOTAL :	**28634**	**29360**	**27650**
	GRAND TOTAL :	**26389514**	**18026299**	**12384561**

STATEMENT - C

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

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2021-22	2020-21	2019-20
	AGRO BASED INDUSTRIES			
1	HPCL BIOFUELS LTD.	-6695	-8008	-8555
	SUB TOTAL :	**-6695**	**-8008**	**-8555**
	COAL			
2	EASTERN COALFIELDS LTD.	-106066	-75958	99765
	SUB TOTAL :	**-106066**	**-75958**	**99765**
	CRUDE OIL			
3	BHARAT PETRO RESOURCES LTD.	-2281	-179685	-91503
4	PRIZE PETROLEUM COMPANY LTD.	-579	359	-1696
	SUB TOTAL :	**-2860**	**-179326**	**-93199**
	OTHER MINERALS & METALS			
5	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-1449	-3965	-7669
	SUB TOTAL :	**-1449**	**-3965**	**-7669**
	FERTILIZERS			
6	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	-9764	-13775	-12970
	SUB TOTAL :	**-9764**	**-13775**	**-12970**
	CHEMICALS & PHARMACEUTICALS			
7	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-875	-1811	-1021
8	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	-666	-1156	-543
9	HINDUSTAN ANTIBIOTICS LTD.	-1621	-3826	-13840
10	HINDUSTAN ORGANIC CHEMICALS LTD.	-2324	1597	-9475
	SUB TOTAL :	**-5486**	**-5196**	**-24879**
	HEAVY & MEDIUM ENGINEERING			
11	HEAVY ENGINEERING CORPN. LTD.	-25607	-17578	-40537
12	HMT MACHINE TOOLS LTD.	-14573	-13279	-9872
13	HOOGLY COCHIN SHIPYARD LTD.	-284	-316	-249
14	NAINI AEROSPACE LTD.	-1282	-1104	-908
15	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	-846	-1278	-1707
16	UDUPI COCHIN SHIPYARDS LTD.	-1294	-136	0
	SUB TOTAL :	**-43886**	**-33691**	**-53273**
	INDUSTRIAL AND CONSUMER GOODS			
17	ANDREW YULE & COMPANY LTD.	-90	2120	-2052
18	NEPA LTD.	-5990	-5390	-7126
	SUB TOTAL :	**-6080**	**-3270**	**-9178**
	TEXTILES			
19	APOLLO DESIGN APPAREL PARKS LTD.	-40	-103	0
20	AURANGABAD TEXTILES & APPAREL PARKS LTD.	-75	-76	-76
21	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	-81	-159	0
22	NATIONAL TEXTILE CORPN. LTD.	-30586	-31550	-34655
	SUB TOTAL :	**-30782**	**-31888**	**-34731**

(Cont.)

S. No.	Cognate Group / CPSE	2021-22	2020-21	2019-20
	POWER GENERATION			
23	RATNAGIRI GAS & POWER PVT. LTD.	-20123	0	0
	SUB TOTAL :	**-20123**	**0**	**0**
	POWER TRANSMISSION			
24	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	-3750	10868	868
	SUB TOTAL :	**-3750**	**10868**	**868**
	TRADING & MARKETING			
25	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-2438	-2992	-925
26	INDIA TRADE PROMOTION ORGANISATION	-5283	-8393	9012
27	M M T C LTD.	-24193	-76969	-22711
28	NATIONAL FILM DEV. CORPN. LTD.	-674	64	-815
29	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	-157	-963	-1119
30	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	-110	-110	-439
31	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	-630	-630	-698
32	THE JUTE CORPN. OF INDIA LTD.	-1378	1215	1540
	SUB TOTAL :	**-34863**	**-88778**	**-16155**
	TRANSPORT AND LOGISTIC SERVICES			
33	ALLIANCE AIR AVIATION LTD.	-44776	-36009	-23520
34	BPCL-KIAL FUEL FARM PVT. LTD.	-385	-606	-197
35	CONCOR AIR LTD.	-965	-293	720
36	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	-1615	11245	-9052
37	FRESH & HEALTHY ENTERPRISES LTD.	-373	-484	-645
38	INLAND & COASTAL SHIPPING LTD.	-89	-25	0
39	PAWAN HANS LTD.	-1811	-1745	-1346
40	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-593	-913	95
41	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	-821	-1259	-1605
	SUB TOTAL :	**-51428**	**-30089**	**-35550**
	CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES			
42	ENGINEERING PROJECTS (INDIA) LTD.	-6506	-4974	92
43	HINDUSTAN PREFAB LTD.	-1204	167	-1498
44	IRCON GURGAON REWARI HIGHWAY SERVICES	-1	0	0
45	IRCON PB TOLLWAY LTD.	-2462	-2138	-1717
46	IRCON SHIVPURI GUNA TOLLWAY LTD.	-1205	-1406	-3083
47	KONKAN RAILWAY CORPORATION LTD.	-13508	-36526	384
48	PROJECTS & DEVELOPMENT INDIA LTD.	-160	1907	3183
49	TCIL LAKHNADONE TOLL ROAD LTD.	-520	-300	-756
	SUB TOTAL :	**-25566**	**-43270**	**-3395**
	HOTEL AND TOURIST SERVICES			
50	HOTEL CORPN. OF INDIA LTD.	-9432	-9732	-5555
	SUB TOTAL :	**-9432**	**-9732**	**-5555**

(Cont.)

S. No.	Cognate Group / CPSE	2021-22	2020-21	2019-20
	FINANCIAL SERVICES			
51	AIR INDIA ASSETS HOLDING LTD	-141676	4369	0
52	EASTERN INVESTMENT LTD.	-44	79	-56
	SUB TOTAL :	**-141720**	**4448**	**-56**
	TELECOMMUNICATION & INFORMATION TECHNOLOGY			
53	BHARAT BROADBAND NETWORK LTD.	-249	145	324
54	BHARAT SANCHAR NIGAM LTD.	-698162	-744112	-1549952
55	MAHANAGAR TELEPHONE NIGAM LTD.	-260259	-246180	-369568
	SUB TOTAL :	**-958670**	**-990147**	**-1919196**
	GRAND TOTAL :	**-1458620**	**-1501777**	**-2123728**

Note: There are 4 other CPSEs whose Net Loss is very negligible. Hence, total number of loss making CPSEs will be 59.

STATEMENT - D

RANKING OF CPSEs IN TERMS OF GROSS TURNOVER / REVENUE IN FY 2021-22

(₹ in Lakhs)

CPSE	Gross Turnover / Revenue			Rank
	2021-22	2020-21	2019-20	2021-22
INDIAN OIL CORPORATION LTD.	72845994	51489047	56635355	1
BHARAT PETROLEUM CORPN. LTD.	43340648	30187316	32758078	2
HINDUSTAN PETROLEUM CORPN. LTD.	37389674	27032632	28741693	3
FOOD CORPN. OF INDIA	23551869	24174741	15603736	4
NTPC LTD.	11613733	9920672	10252923	5
OIL & NATURAL GAS CORPORATION LTD.	11034540	6814109	9621361	6
STEEL AUTHORITY OF INDIA LTD.	10347332	6911002	6166055	7
GAIL (INDIA) LTD.	9164572	5673779	7187635	8
MANGALORE REFINERY & PETROCHEMICALS LTD.	8606368	5079581	6075154	9
CHENNAI PETROLEUM CORPORATION LTD.	6047429	4189907	4870632	10
BHARAT OMAN REFINERIES LIMITED,	5556142	3541977	0	11
POWER GRID CORPORATION OF INDIA LTD.	3992809	3766565	3618554	12
REC LTD.	3913249	3538789	2976521	13
POWER FINANCE CORPORATION LTD.	3854540	3774487	3336290	14
HLL LIFECARE LTD.	3566867	508131	167764	15
RASHTRIYA ISPAT NIGAM LTD.	2835935	1808088	1592046	16
NMDC Ltd.	2588173	1537006	1169922	17
HINDUSTAN AERONAUTICS LTD.	2462021	2288236	2144537	18
THE COTTON CORPN. OF INDIA LTD.	2356524	3462646	645223	19
NUMALIGARH REFINERY LTD.	2354701	1854979	1407266	20
MAHANADI COALFIELDS LTD.	2181219	1649233	1581117	21
BHARAT HEAVY ELECTRICALS LTD.	2121109	1730844	2145919	22
SOUTH EASTERN COALFIELDS LTD.	2047635	1804866	1817940	23
INDIAN RAILWAY FINANCE CORPORATION LTD.	2029827	1577022	1342102	24
RAIL VIKAS NIGAM LTD.	1938171	1540365	1453058	25
NORTHERN COALFIELDS LTD.	1898604	1598842	1627644	26
ONGC VIDESH LTD.	1779820	1266559	1692501	27
BHARAT SANCHAR NIGAM LTD.	1680922	1745180	1788609	28
NATIONAL FERTILIZERS LTD.	1585709	1190566	1313536	29
BHARAT ELECTRONICS LTD.	1531376	1406383	1292111	30
NUCLEAR POWER CORPN. OF INDIA LTD.	1503578	1333508	1365840	31
OIL INDIA LTD.	1453018	860490	1212852	32
NATIONAL ALUMINIUM COMPANY LTD.	1418081	895579	847184	33
WESTERN COALFIELDS LTD.	1379163	986607	974927	34
CENTRAL COALFIELDS LTD.	1348642	1176489	1258072	35
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	1281217	828118	969795	36
EASTERN COALFIELDS LTD.	1075075	1071815	1333843	37
BHARAT COKING COAL LTD.	1012786	656729	942601	38
NLC INDIA LTD.	985648	724963	791630	39

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2021-22	2020-21	2019-20	2021-22
M M T C LTD.	839329	2638161	2413498	40
NHPC LTD.	835380	850658	873541	41
CONTAINER CORPORATION OF INDIA LTD.	759445	638496	647379	42
SOLAR ENERGY CORPORATION OF INDIA	728485	544288	462572	43
HOUSING & URBAN DEV. CORPN. LTD.	695408	723458	753212	44
IRCON INTERNATIONAL LTD.	691015	495593	520206	45
GAIL GAS LTD.	685308	401460	514386	46
AIRPORTS AUTHORITY OF INDIA	633372	433542	1226175	47
MAZAGON DOCK SHIPBUILDERS LTD.	573328	404782	490484	48
NBCC (INDIA) LTD.	554662	494745	521034	49
SHIPPING CORPORATION OF INDIA LTD.	499455	370325	442544	50
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	442480	325883	276991	51
BEML LTD.	433749	359740	302882	52
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	408663	471257	509971	53
NTPC VIDYUT VYAPAR NIGAM LTD.	389959	403702	440317	54
INDIA INFRASTRUCTURE FINANCE CO. LTD.	361756	334556	381309	55
NABINAGAR POWER GENERATING COMPANY LTD.	344194	207845	118805	56
BRAHAMPUTRA CRACKERS & POLYMER LTD.	324336	290262	273138	57
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	320684	228809	224842	58
KONKAN RAILWAY CORPORATION LTD.	320059	157796	264268	59
BRIDGE & ROOF CO.(INDIA) LTD.	319517	270228	324661	60
COCHIN SHIPYARD LTD.	319001	281890	342250	61
KIOCL LTD.	300645	237644	193765	62
ENGINEERS INDIA LTD.	287040	310469	320305	63
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	285990	265481	236732	64
BHARAT DYNAMICS LTD.	281740	191376	310487	65
MUNITIONS INDIA LTD.	276499	0	0	66
NATIONAL SMALL INDUSTRIES CORPN. LTD.	262251	210130	190411	67
BHARTIYA RAIL BIJLEE CO. LTD.	257894	218617	229361	68
RITES LTD.	257516	184315	240057	69
URANIUM CORPORATION OF INDIA LTD.	257176	230353	238657	70
ARMOURED VEHICLES NIGAM LIMITED	256926	0	0	71
SJVN LTD.	242196	249083	290055	72
MADRAS FERTILIZERS LTD.	230216	153279	129199	73
NLC TAMIL NADU POWER LTD.	222160	262946	257658	74
CENTRAL WAREHOUSING CORPN.	213056	205675	161230	75
BALMER LAWRIE & CO. LTD.	204245	152210	152977	76
RATNAGIRI GAS & POWER PVT. LTD.	195534	0	0	77
DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	194915	28989	0	78
THDC INDIA LTD.	192149	179601	216416	79
AI ENGINEERING SERVICES LTD.	188191	116002	140283	80

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2021-22	2020-21	2019-20	2021-22
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	187948	77666	226431	81
I T I LTD.	186073	236218	205887	82
HINDUSTAN COPPER LTD.	182193	178676	83185	83
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	175752	114084	143329	84
NEWSPACE INDIA LTD.	167477	51331	0	85
ELECTRONICS CORPN. OF INDIA LTD.	160964	150373	166379	86
KANTI BIJLEE UTPADAN NIGAM LTD.	160276	150985	169083	87
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	158119	174929	174090	88
RAILTEL CORPORATION INDIA LTD.	152154	133728	108063	89
E. C. G. C. LTD.	148498	82832	83340	90
IREL (INDIA) LTD.	148000	97413	103874	91
MOIL LTD.	143630	117738	103807	92
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	143210	121129	130512	93
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	140213	128202	115628	94
WAPCOS LTD.	137373	130758	155024	95
HSCC (INDIA) LTD.	136065	141215	212541	96
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	120843	148860	138131	97
COAL INDIA LTD.	113192	64025	84516	98
ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	108597	0	0	99
MAHANAGAR TELEPHONE NIGAM LTD.	106972	130364	153636	100
BHARAT GAS RESOURCES LTD,	105006	19491	0	101
NATIONAL SEEDS CORPN. LTD.	88580	101518	105997	102
KONKAN LNG LIMITED	86894	62007	48486	103
MISHRA DHATU NIGAM LTD.	85949	81323	71288	104
NHDC LTD.	85820	115841	127337	105
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	82676	59353	78456	106
BRAITHWAITE & CO. LTD.	76414	60960	57917	107
HINDUSTAN SHIPYARD LTD.	75524	47795	57354	108
BROADCAST ENGG. CONSULTANTS INDIA LTD.	74434	55282	34707	109
GOA SHIPYARD LTD.	74035	86049	93127	110
ENGINEERING PROJECTS (INDIA) LTD.	73617	80562	133659	111
HLL BIOTECH LTD.	73301	4213	0	112
ALLIANCE AIR AVIATION LTD.	71753	45354	99302	113
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	62469	58459	41381	114
MECON LTD.	60275	75212	64751	115
AI AIRPORT SERVICES LTD.	58958	28939	62213	116
TROOP COMFORTS LIMITED	57740	0	0	117
HINDUSTAN STEELWORKS COSTN. LTD.	52894	39419	60536	118

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2021-22	2020-21	2019-20	2021-22
POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	48791	46384	18607	119
AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	48067	35468	37561	120
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	47532	42717	43341	121
M S T C LTD.	47064	42775	83071	122
POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	44665	4572	0	123
HINDUSTAN ORGANIC CHEMICALS LTD.	43367	41158	30001	124
EdCIL(India) Ltd.	42800	33283	32625	125
CEMENT CORPN. OF INDIA LTD.	41888	41459	24933	126
ANDREW YULE & COMPANY LTD.	41439	33051	29914	127
FERRO SCRAP NIGAM LTD.	40554	35274	40073	128
IRCON VADODARA KIM EXPRESSWAY LTD.	39903	48762	61928	129
PAWAN HANS LTD.	38513	37237	34593	130
HIL (INDIA) LTD.	37779	40809	42184	131
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	33253	23446	17829	132
POWER SYSTEM OPERATION CORPORATION LTD.	33192	26407	26996	133
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	32743	25933	31520	134
HLL INFRA TECH SERVICES LTD.	30306	27003	27320	135
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	30221	22318	32727	136
INDIA TOURISM DEV. CORPN. LTD.	28482	17613	34087	137
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	26084	16402	9704	138
CENTRAL ELECTRONICS LTD.	25334	29637	24600	139
MINERAL EXPLORATION CORPN. LTD.	22192	42953	42615	140
HPCL BIOFUELS LTD.	22007	18195	30024	141
SAIL REFRACTORY COMPANY LTD.	19848	14798	20217	142
HEAVY ENGINEERING CORPN. LTD.	18773	21342	13975	143
ANTRIX CORPORATION LTD.	18165	65438	144350	144
IRCON INFRASTRUCTURE & SERVICES LTD.	17084	19439	13113	145
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	16491	14744	11091	146
REC POWER DEVELOPMENT & CONSULTANCY LTD.	16001	17029	19365	147
HMT MACHINE TOOLS LTD.	15253	16582	17623	148
BHARAT PETRO RESOURCES LTD.	14714	6884	10647	149
IRCON SHIVPURI GUNA TOLLWAY LTD.	14386	11078	9444	150
POWER GRID MITHILANCHAL TRANSMISSION LTD.	14342	232	0	151
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	13701	7054	10640	152
POWERGRID HIMACHAL TRANSMISSION LTD.	13365	14775	0	153
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	12676	9209	8180	154
NBCC SERVICES LTD.	12128	14853	12057	155
POWERGRID NM TRANMISSION LTD.	11742	12236	12290	156

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2021-22	2020-21	2019-20	2021-22
NATIONAL TEXTILE CORPN. LTD.	10460	14878	85042	157
HINDUSTAN ANTIBIOTICS LTD.	10382	8372	5453	158
CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	10170	6460	10188	159
CHANDIGARH INTERNATIONAL AIRPORT LTD.	10157	6715	10954	160
PROJECTS & DEVELOPMENT INDIA LTD.	9886	12109	13301	161
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	9310	6787	7856	162
PFC CONSULTING LTD.	8514	6785	11143	163
THE BISRA STONE LIME COMPANY LTD.	8509	8415	4265	164
AIR INDIA ASSETS HOLDING LTD	8387	12525	0	165
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	8268	0	0	166
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	8200	7870	7324	167
POWER GRID VARANASI TRANSMISSION LTD.	7963	0	0	168
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	7839	8533	6684	169
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	7075	2657	3349	170
INSTRUMENTATION LTD.	6964	6839	5718	171
BALMER LAWRIE INVESTMENTS LTD.	6930	8690	8689	172
NATIONAL FILM DEV. CORPN. LTD.	6887	5264	10577	173
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	6237	6348	7027	174
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	6098	5992	6889	175
BEL OPTRONICS DEVICES LTD.	5921	5880	5487	176
THE JUTE CORPN. OF INDIA LTD.	5584	14928	16926	177
IRCON PB TOLLWAY LTD.	5546	5486	7040	178
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	5322	5589	4750	179
POWER GRID KHETRI TRANSMISSION LTD.	5259	0	0	180
POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	5170	357	0	181
RAILTEL ENTERPRISES LTD.	5157	6069	5344	182
APOLLO DESIGN APPAREL PARKS LTD.	4930	1844	0	183
POWER GRID AJMER PHAGI TRANSMISSION LTD.	4782	0	0	184
GOLDMOHUR DESIGN & APPAREL PARKS LTD.	4708	1982	0	185
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	4625	4911	4921	186
CONCOR AIR LTD.	4380	2971	5035	187
SAMBHAR SALTS LTD.	4190	2499	2290	188
HINDUSTAN PREFAB LTD.	4158	10121	10454	189
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	4144	3781	3587	190
BHARAT BROADBAND NETWORK LTD.	4075	2346	2214	191
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	3960	3423	4281	192
BEL-THALES SYSTEMS LTD.	3901	3538	4057	193

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2021-22	2020-21	2019-20	2021-22
CHHATTISGARH EAST RAILWAYS LTD.	3759	3377	1395	194
POWER GRID FATEGARH TRANSMISSION LTD	3669	0	0	195
MUMBAI RAILWAY VIKAS CORPORATION LTD.	3598	3651	6873	196
INDIA TRADE PROMOTION ORGANISATION	3054	510	20353	197
POWERGRID UNCHAHAR TRANSMISSION LTD.	3028	2137	2191	198
HOTEL CORPN. OF INDIA LTD.	2621	2253	5957	199
PUNJAB LOGISTIC INFRASTRUCTURE LTD.	2475	1813	3152	200
IRCON GURGAON REWARI HIGHWAY SERVICES	2468	0	0	201
HINDUSTAN SALTS LTD.	2413	1238	361	202
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2237	1083	5261	203
NEPA LTD.	2070	1737	1292	204
RICHARDSON & CRUDDAS(1972) LTD.	1961	2736	2736	205
HSRC INFRA SERVICES LTD.	1487	132	0	206
SIDCUL CONCOR INFRA COMPANY LTD.	1475	1519	1284	207
NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	1453	1453	144	208
VISAKHAPATANAM PORT LOGISTICS PARK LTD.	1395	930	469	209
HMT LTD.	1258	2346	2613	210
TAMIL NADU TRADE PROMOTION ORGANISATION	1210	758	4021	211
IIFCL PROJECTS LTD.	1198	988	745	212
NATIONAL RESEARCH DEVELOPMENT CORPN.	1145	777	931	213
HMT (INTERNATIONAL) LTD.	1091	1983	6714	214
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1076	1136	1288	215
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	1066	1145	1191	216
IRCON DAVANAGERE HAVERI HIGHWAY LTD.	798	19306	39283	217
FRESH & HEALTHY ENTERPRISES LTD.	686	402	230	218
UDUPI COCHIN SHIPYARDS LTD.	642	0	0	219
CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	580	0	0	220
IIFCL ASSET MANAGEMENT COMPANY LTD.	573	474	392	221
AGRINNOVATE INDIA LTD.	533	391	151	222
BPCL-KIAL FUEL FARM PVT. LTD.	524	310	841	223
PRIZE PETROLEUM COMPANY LTD.	490	704	823	224
PONDICHERRY ASHOK HOTEL CORPN. LTD.	465	224	599	225
KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	448	454	1042	226
INDIA UNITED TEXTILE MILLS LTD.	440	3031	0	227
NAINI AEROSPACE LTD.	413	471	632	228
TCIL BINA TOLL ROAD LTD.	360	411	492	229
TCIL LAKHNADONE TOLL ROAD LTD.	341	609	756	230
SAGARMALA DEVELOPMENT COMPANY LTD.	337	0	0	231
JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	321	192	211	232

(Cont.)

CPSE	Gross Turnover / Revenue			Rank
	2021-22	2020-21	2019-20	2021-22
NSIC VENTURE CAPITAL FUND LTD.	202	0	0	233
NMDC CSR FOUNDATION	160	162	0	234
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	77	77	466	235
EASTERN INVESTMENT LTD.	65	75	75	236
KARNATAKA TRADE PROMOTION ORGANISATION	52	23	375	237
HOOGLY COCHIN SHIPYARD LTD.	42	0	0	238
INLAND & COASTAL SHIPPING LTD.	38	4	0	239
DELHI POLICE HOUSING CORPORATION LTD.	5	0	0	240
MILLENNIUM TELECOM LTD.	2	6	148	241
AURANGABAD TEXTILES & APPAREL PARKS LTD.	2	2	4	242
IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	2	0	0	243
IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	1	0	0	244
IRCON BHOJ MORBE EXPRESSWAY LTD.	1	0	0	245
IRCON HARIDWAR BYPASS LIMITED	1	0	0	246

STATEMENT - E

EXPENDITURE ON RESEARCH AND DEVELOPMENT IN CPSEs

(₹ in Crores)

S. No.	CPSE	2021-22	2020-21	2019-20	R&D as % of Sales		
					2021-22	2020-21	2019-20
1	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	7.17	0	0	0.66	0	0
2	ARMOURED VEHICLES NIGAM LIMITED	2.22	0	0	0.09	0	0
3	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	1.42	0	0.53	0.43	0	0.17
4	BALMER LAWRIE & CO. LTD.	7.91	8.30	7.78	0.39	0.55	0.51
5	BEL OPTRONICS DEVICES LTD.	0.14	0.12	0	0.24	0.20	0
6	BEML LTD.	102.66	132.66	103.54	2.37	3.69	3.42
7	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0.16	0.15	0.11	0.26	0.24	0.16
8	BHARAT DYNAMICS LTD.	48.15	42.95	73.87	1.71	2.24	2.38
9	BHARAT HEAVY ELECTRICALS LTD.	699.57	726.49	766.52	3.30	4.20	3.57
10	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	0	0.53	0.52	0	0.62	0.78
11	BHARAT PETROLEUM CORPN. LTD.	219.82	86.64	92.18	0.06	0.04	0.03
12	BHARAT SANCHAR NIGAM LTD.	0	0	94.50	0	0	0.53
13	BRAITHWAITE & CO. LTD.	2.43	0	0	0.32	0	0
14	BRIDGE & ROOF CO.(INDIA) LTD.	0.85	0	0	0.03	0	0
15	CENTRAL COALFIELDS LTD.	0.20	0	0	0	0	0
16	CENTRAL WAREHOUSING CORPN.	11.77	0	0	0.55	0	0
17	CHENNAI PETROLEUM CORPORATION LTD.	0	0	4.81	0	0	0.01
18	COAL INDIA LTD.	31.22	27.06	8.65	2.76	4.23	1.02
19	CONTAINER CORPORATION OF INDIA LTD.	14.96	1.03	3.76	0.20	0.020	0.06
20	ELECTRONICS CORPN. OF INDIA LTD.	18.63	17.55	23.90	1.16	1.17	1.44
21	ENGINEERS INDIA LTD.	26.05	26.36	24.31	0.91	0.85	0.76
22	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	0	0	1.00	0	0	2.79
23	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	0.76	0.59	0.92	0.02	0.02	0.03
24	GAIL (INDIA) LTD.	243.69	9.20	66.41	0.27	0.02	0.09
25	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	12.92	5.03	0	0.74	0.44	0
26	GOA SHIPYARD LTD.	8.17	9.33	7.22	1.10	1.08	0.78
27	HEAVY ENGINEERING CORPN. LTD.	0.71	0	0	0.38	0	0
28	HIL (INDIA) LTD.	0.02	0.02	0.04	0.01	0.01	0.01
29	HINDUSTAN AERONAUTICS LTD.	1966.91	1687.40	1231.96	7.99	7.37	5.74
30	HINDUSTAN ANTIBIOTICS LTD.	0.83	0.97	1.28	0.80	1.16	2.35
31	HINDUSTAN COPPER LTD.	1.68	0.80	1.17	0.09	0.04	0.14

(Cont.)

S. No.	CPSE	2021-22	2020-21	2019-20	R&D as % of Sales		
					2021-22	2020-21	2019-20
32	HINDUSTAN NEWSPRINT LTD.	0	0.36	0.36	0	0.22	0.22
33	HINDUSTAN PETROLEUM CORPN. LTD.	363.7	295.66	257.92	0.10	0.13	0.10
34	HINDUSTAN SALTS LTD.	0	0.04	0.02	0	0.32	0.55
35	HLL LIFECARE LTD.	5.28	3.67	3.22	0.01	0.07	0.19
36	HMT MACHINE TOOLS LTD.	1.56	1.61	1.13	1.02	0.97	0.64
37	I T I LTD.	19.46	10.34	12.99	1.05	0.44	0.63
38	INDIAN OIL CORPORATION LTD.	802.14	506.57	267	0.13	0.13	0.05
39	IREL (INDIA) LTD.	19.81	1.74	1.72	1.34	0.18	0.17
40	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	1.25	0	0	0.29
41	KIOCL LTD.	11.42	0	0	0.38	0	0
42	MADRAS FERTILIZERS LTD.	0.05	0	0	0	0	0
43	MAHANADI COALFIELDS LTD.	0.35	0.46	0.02	0	0	0
44	MANGALORE REFINERY & PETROCHEMICALS LTD.	1.01	0.76	7.10	0	0	0.01
45	MAZAGON DOCK SHIPBUILDERS LTD.	75.24	82.42	91.77	1.31	2.04	1.87
46	MISHRA DHATU NIGAM LTD.	6.82	5.74	3.32	0.79	0.71	0.47
47	MOIL LTD.	12.01	6.21	5.48	0.84	0.53	0.53
48	NATIONAL ALUMINIUM COMPANY LTD.	65.21	12.62	13.55	0.46	0.14	0.16
49	NATIONAL FERTILIZERS LTD.	0.15	0	0	0	0	0
50	NATIONAL SMALL INDUSTRIES CORPN. LTD.	2.12	0	0	0.08	0	0
51	NBCC (INDIA) LTD.	0	1.06	3.84	0	0.02	0.07
52	NEPA LTD.	0.62	0.62	0	3.00	3.57	0
53	NHDC LTD.	0.02	0	0	0	0	0
54	NHPC LTD.	3.38	2.09	3.89	0.04	0.02	0.04
55	NLC INDIA LTD.	23.26	21.70	24.45	0.24	0.30	0.31
56	NMDC Ltd.	327.10	29.20	30.79	1.26	0.19	0.26
57	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0.15	0	0.32	0	0	0.01
58	NTPC LTD.	219.53	185.78	183.34	0.19	0.19	0.18
59	NUCLEAR POWER CORPN. OF INDIA LTD.	33.49	10.75	13.39	0.22	0.08	0.10
60	NUMALIGARH REFINERY LTD.	2.73	0	0	0.01	0	0
61	OIL & NATURAL GAS CORPORATION LTD.	513.31	554.13	555.77	0.47	0.81	0.58
62	OIL INDIA LTD.	100.96	0	0	0.69	0	0
63	POWER GRID CORPORATION OF INDIA LTD.	0.34	4.55	9.54	0	0.01	0.03
64	POWER SYSTEM OPERATION CORPORATION LTD.	0.09	0	0	0.03	0	0
65	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	3.79	3.11	3.03	2.30	2.11	2.73
66	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	35.47	2.48	5.06	0.28	0.03	0.05
67	RASHTRIYA ISPAT NIGAM LTD.	24.21	19.86	20.89	0.09	0.11	0.13

(Cont.)

S. No.	CPSE	2021-22	2020-21	2019-20	R&D as % of Sales		
					2021-22	2020-21	2019-20
68	SCOOTERS INDIA LTD.	0	0	1.23	0	0	1.71
69	SJVN LTD.	30.12	0	0	1.24	0	0
70	STEEL AUTHORITY OF INDIA LTD.	742.90	340.28	0	0.72	0.49	0
71	THDC INDIA LTD.	3.46	4.52	0	0.18	0.25	0
72	URANIUM CORPORATION OF INDIA LTD.	11.22	0	0	0.44	0	0
73	WESTERN COALFIELDS LTD.	0	0	0.27	0	0	0
	TOTAL :	**6893.50**	**4891.51**	**4037.64**			

STATEMENT - F

FOREIGN EXCHANGE EARNINGS OF CPSEs IN FY 2021-22

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
CRUDE OIL							
1	BHARAT PETRO RESOURCES LTD.	2020-21	0	0	0	0	0
		2021-22	0	0	175	2192	2367
2	OIL & NATURAL GAS CORPORATION LTD.	2020-21	6891	8602	0	8441	23934
		2021-22	0	77	0	18981	19058
3	OIL INDIA LTD.	2020-21	0	0	26606	858	27464
		2021-22	0	0	49617	1302	50919
4	ONGC VIDESH LTD.	2020-21	946766	0	71483	76823	1095072
		2021-22	1310028	0	94465	200195	1604688
	SUB TOTAL :	**2020-21**	**953657**	**8602**	**98089**	**86122**	**1146470**
		2021-22	**1310028**	**77**	**144257**	**222670**	**1677032**
OTHER MINERALS & METALS							
5	HINDUSTAN COPPER LTD.	2020-21	79634	0	0	0	79634
		2021-22	35250	0	0	0	35250
6	IREL (INDIA) LTD.	2020-21	51473	0	0	0	51473
		2021-22	72445	0	0	0	72445
7	KIOCL LTD.	2020-21	184606	0	0	0	184606
		2021-22	292897	0	0	0	292897
8	NATIONAL ALUMINIUM COMPANY LTD.	2020-21	505976	0	0	96	506072
		2021-22	640200	0	0	224	640424
	SUB TOTAL :	**2020-21**	**821689**	**0**	**0**	**96**	**821785**
		2021-22	**1040792**	**0**	**0**	**224**	**1041016**
STEEL							
9	MISHRA DHATU NIGAM LTD.	2020-21	1942	0	0	0	1942
		2021-22	8702	0	0	0	8702
10	RASHTRIYA ISPAT NIGAM LTD.	2020-21	409022	0	0	1050	410072
		2021-22	561369	0	0	9593	570962
11	STEEL AUTHORITY OF INDIA LTD.	2020-21	610957	0	0	0	610957
		2021-22	698842	0	0	0	698842
	SUB TOTAL :	**2020-21**	**1021921**	**0**	**0**	**1050**	**1022971**
		2021-22	**1268913**	**0**	**0**	**9593**	**1278506**
PETROLEUM (REFINERY & MARKETING)							
12	BHARAT PETROLEUM CORPN. LTD.	2020-21	657720	0	0	3835	661555
		2021-22	1478784	0	4305	0	1483089
13	HINDUSTAN PETROLEUM CORPN. LTD.	2020-21	345213	0	0	0	345213

(Cont.)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
		2021-22	815913	0	0	48	815961
14	INDIAN OIL CORPORATION LTD.	2020-21	1009750	748	0	77257	1087755
		2021-22	2111409	1210	5	97383	2210007
15	MANGALORE REFINERY & PETROCHEMICALS LTD.	2020-21	866198	0	0	65	866263
		2021-22	3100910	0	0	317	3101227
16	NUMALIGARH REFINERY LTD.	2020-21	15103	0	0	0	15103
		2021-22	30883	0	0	0	30883
	SUB TOTAL :	**2020-21**	**2893984**	**748**	**0**	**81157**	**2975889**
		2021-22	**7537899**	**1210**	**4310**	**97748**	**7641167**
FERTILIZERS							
17	NATIONAL FERTILIZERS LTD.	2020-21	0	0	0	2175	2175
		2021-22	0	0	0	4770	4770
18	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	2020-21	34	0	0	0	34
		2021-22	0	0	0	0	0
	SUB TOTAL :	**2020-21**	**34**	**0**	**0**	**2175**	**2209**
		2021-22	**0**	**0**	**0**	**4770**	**4770**
CHEMICALS & PHARMACEUTICALS							
19	BRAHAMPUTRA CRACKERS & POLYMER LTD.	2020-21	1351	0	0	0	1351
		2021-22	1385	0	0	0	1385
20	HIL (INDIA) LTD.	2020-21	2508	0	0	0	2508
		2021-22	648	0	0	0	648
21	HLL BIOTECH LTD.	2020-21	0	0	0	0	0
		2021-22	0	0	0	1	1
22	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2020-21	2814	0	0	0	2814
		2021-22	2128	0	0	0	2128
	SUB TOTAL :	**2020-21**	**6673**	**0**	**0**	**0**	**6673**
		2021-22	**4161**	**0**	**0**	**1**	**4162**
HEAVY & MEDIUM ENGINEERING							
23	ARMOURED VEHICLES NIGAM LIMITED	2020-21	0	0	0	0	0
		2021-22	31	0	0	0	31
24	BALMER LAWRIE & CO. LTD.	2020-21	1778	0	1476	1601	4855
		2021-22	2562	0	1977	2584	7123
25	BEL-THALES SYSTEMS LTD.	2020-21	0	0	0	1615	1615
		2021-22	3306	0	0	0	3306
26	BHARAT DYNAMICS LTD.	2020-21	7812	0	0	6653	14465
		2021-22	1491	0	0	0	1491
27	BHARAT ELECTRONICS LTD.	2020-21	37284	0	0	547	37831

(Cont.)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
		2021-22	23599	0	0	4190	27789
28	BHARAT HEAVY ELECTRICALS LTD.	2020-21	110164	0	0	64103	174267
		2021-22	77533	0	0	170150	247683
29	CENTRAL ELECTRONICS LTD.	2020-21	93	0	0	0	93
		2021-22	0	0	0	0	0
30	COCHIN SHIPYARD LTD.	2020-21	7138	0	0	0	7138
		2021-22	2138	0	0	162	2300
31	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2020-21	8749	0	0	0	8749
		2021-22	0	0	0	0	0
32	GOA SHIPYARD LTD.	2020-21	33	0	0	0	33
		2021-22	110	0	0	0	110
33	HINDUSTAN AERONAUTICS LTD.	2020-21	21756	0	0	2224	23980
		2021-22	13813	0	0	2983	16796
34	HINDUSTAN SHIPYARD LTD.	2020-21	0	0	0	43	43
		2021-22	0	0	0	327	327
35	HMT LTD.	2020-21	73	0	0	0	73
		2021-22	52	0	0	0	52
36	HMT MACHINE TOOLS LTD.	2020-21	141	0	0	0	141
		2021-22	1	0	0	0	1
37	INSTRUMENTATION LTD.	2020-21	5	0	0	0	5
		2021-22	67	0	0	0	67
38	MAZAGON DOCK SHIPBUILDERS LTD.	2020-21	0	0	0	0	0
		2021-22	326	0	0	0	326
39	MUNITIONS INDIA LTD.	2020-21	0	0	0	0	0
		2021-22	2230	0	0	0	2230
	SUB TOTAL :	**2020-21**	**195026**	**0**	**1476**	**76786**	**273288**
		2021-22	**127259**	**0**	**1977**	**180396**	**309632**
TRANSPORTATION VEHICLE & EQUIPMENT							
40	BEML LTD.	2020-21	2824	0	0	25180	28004
		2021-22	4875	0	0	14490	19365
	SUB TOTAL :	**2020-21**	**2824**	**0**	**0**	**25180**	**28004**
		2021-22	**4875**	**0**	**0**	**14490**	**19365**
INDUSTRIAL AND CONSUMER GOODS							
41	ANDREW YULE & COMPANY LTD.	2020-21	435	0	0	0	435
		2021-22	511	0	0	0	511
42	HLL LIFECARE LTD.	2020-21	7996	0	0	577	8573
		2021-22	7463	0	0	989	8452
43	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	2020-21	0	0	0	0	0

(Cont.)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
		2021-22	66	0	0	0	66
	SUB TOTAL :	**2020-21**	**8431**	**0**	**0**	**577**	**9008**
		2021-22	**8040**	**0**	**0**	**989**	**9029**
POWER TRANSMISSION							
44	POWER GRID CORPORATION OF INDIA LTD.	2020-21	0	1630	0	0	1630
		2021-22	0	2723	0	0	2723
	SUB TOTAL :	**2020-21**	**0**	**1630**	**0**	**0**	**1630**
		2021-22	**0**	**2723**	**0**	**0**	**2723**
TRADING & MARKETING							
45	ANTRIX CORPORATION LTD.	2020-21	308	207	0	493	1008
		2021-22	391	59	0	0	450
46	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2020-21	9	0	0	48	57
		2021-22	44	0	0	162	206
47	HMT (INTERNATIONAL) LTD.	2020-21	155	0	0	0	155
		2021-22	418	0	0	0	418
48	INDIA TRADE PROMOTION ORGANISATION	2020-21	0	0	0	0	0
		2021-22	0	0	0	106	106
49	M M T C LTD.	2020-21	180474	0	0	0	180474
		2021-22	3440	0	0	0	3440
50	NATIONAL FILM DEV. CORPN. LTD.	2020-21	37	0	0	0	37
		2021-22	118	0	0	0	118
51	NEWSPACE INDIA LTD.	2020-21	0	0	0	16203	16203
		2021-22	0	0	0	25894	25894
52	NTPC VIDYUT VYAPAR NIGAM LTD.	2020-21	149177	0	0	0	149177
		2021-22	124171	0	0	0	124171
53	P E C LTD.	2020-21	5187	0	0	0	5187
		2021-22	0	0	0	0	0
54	THE COTTON CORPN. OF INDIA LTD.	2020-21	5013	0	0	31	5044
		2021-22	3073	0	0	0	3073
	SUB TOTAL :	**2020-21**	**340360**	**207**	**0**	**16775**	**357342**
		2021-22	**131655**	**59**	**0**	**26162**	**157876**
TRANSPORT AND LOGISTIC SERVICES							
55	AI ENGINEERING SERVICES LTD.	2020-21	0	0	0	858	858
		2021-22	0	0	0	332	332
56	AIRPORTS AUTHORITY OF INDIA	2020-21	0	0	0	47809	47809
		2021-22	0	0	0	68824	68824
57	GAIL (INDIA) LTD.	2020-21	1135409	0	11544	293730	1440683
		2021-22	1878531	31	10458	143531	2032551

(Cont.)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
58	SHIPPING CORPORATION OF INDIA LTD.	2020-21	370325	0	1044	17755	389124
		2021-22	496953	0	906	409	498268
	SUB TOTAL :	**2020-21**	**1505734**	**0**	**12588**	**360152**	**1878474**
		2021-22	**2375484**	**31**	**11364**	**213096**	**2599975**
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES							
59	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2020-21	0	0	0	5	5
		2021-22	0	0	0	22	22
60	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	2020-21	0	0	0	3	3
		2021-22	0	0	0	1	1
61	EdCIL(India) Ltd.	2020-21	196	0	0	699	895
		2021-22	0	0	0	517	517
62	ENGINEERING PROJECTS (INDIA) LTD.	2020-21	0	27520	17	28	27565
		2021-22	0	1276	3	210	1489
63	ENGINEERS INDIA LTD.	2020-21	0	34407	0	0	34407
		2021-22	0	28539	0	0	28539
64	HSCC (INDIA) LTD.	2020-21	0	0	0	0	0
		2021-22	0	733	0	0	733
65	IRCON INFRASTRUCTURE & SERVICES LTD.	2020-21	0	227	0	0	227
		2021-22	0	90	0	0	90
66	IRCON INTERNATIONAL LTD.	2020-21	55348	0	137	618	56103
		2021-22	51992	0	47	87	52126
67	MECON LTD.	2020-21	0	364	0	0	364
		2021-22	0	460	0	0	460
68	NBCC (INDIA) LTD.	2020-21	0	0	1077	266	1343
		2021-22	0	6744	811	0	7555
69	PROJECTS & DEVELOPMENT INDIA LTD.	2020-21	0	21	0	0	21
		2021-22	0	3	0	0	3
70	RITES LTD.	2020-21	9268	7940	0	0	17208
		2021-22	94459	10392	3	0	104854
71	WAPCOS LTD.	2020-21	0	14885	0	326	15211
		2021-22	14057	0	0	195	14252
	SUB TOTAL :	**2020-21**	**64812**	**85364**	**1231**	**1945**	**153352**
		2021-22	**160508**	**48237**	**864**	**1032**	**210641**
HOTEL AND TOURIST SERVICES							
72	INDIA TOURISM DEV. CORPN. LTD.	2020-21	0	0	0	1471	1471
		2021-22	0	0	0	2015	2015

(Cont.)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
73	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2020-21	0	0	0	985	985
		2021-22	0	0	0	1937	1937
	SUB TOTAL :	**2020-21**	**0**	**0**	**0**	**2456**	**2456**
		2021-22	**0**	**0**	**0**	**3952**	**3952**
FINANCIAL SERVICES							
74	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	2020-21	0	0	0	3263	3263
		2021-22	0	0	0	1988	1988
75	E. C. G. C. LTD.	2020-21	0	0	0	3909	3909
		2021-22	0	0	0	5603	5603
76	HOUSING & URBAN DEV. CORPN. LTD.	2020-21	0	0	75	0	75
		2021-22	0	0	21	0	21
77	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	2020-21	0	0	47	0	47
		2021-22	0	0	2	0	2
	SUB TOTAL :	**2020-21**	**0**	**0**	**122**	**7172**	**7294**
		2021-22	**0**	**0**	**23**	**7591**	**7614**
TELECOMMUNICATION & INFORMATION TECHNOLOGY							
78	BHARAT SANCHAR NIGAM LTD.	2020-21	0	0	0	6246	6246
		2021-22	0	0	0	3966	3966
79	MAHANAGAR TELEPHONE NIGAM LTD.	2020-21	0	0	0	44	44
		2021-22	0	0	0	263	263
80	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	2020-21	0	0	0	8827	8827
		2021-22	0	0	0	9977	9977
	SUB TOTAL :	**2020-21**	**0**	**0**	**0**	**15117**	**15117**
		2021-22	**0**	**0**	**0**	**14206**	**14206**
UNDER CONSTRUCTION							
81	SJVN THERMAL PVT. LTD.	2020-21	0	0	208	0	208
		2021-22	0	0	0	0	0
	SUB TOTAL :	**2020-21**	**0**	**0**	**208**	**0**	**208**
		2021-22	**0**	**0**	**0**	**0**	**0**
	GRAND TOTAL :	**2020-21**	**7815145**	**96551**	**113714**	**676760**	**8702170**
		2021-22	**13969614**	**52337**	**162795**	**796920**	**14981666**

STATEMENT - G

BREAK-UP OF TOTAL EMPLOYEES AS ON 31.3.2022

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
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	0	90	597	0	0	278	993
3	NATIONAL SEEDS CORPN. LTD.	213	0	33	621	455	66	0	1388
	SUB TOTAL :	**241**	**0**	**123**	**1218**	**455**	**66**	**278**	**2381**
COAL									
4	BHARAT COKING COAL LTD.	1836	2825	0	12709	21786	0	6398	45554
5	CENTRAL COALFIELDS LTD.	2285	3255	0	14883	15438	23664	6284	65809
6	COAL INDIA LTD.	436	321	0	453	257	0	0	1467
7	EASTERN COALFIELDS LTD.	2040	3512	0	18802	28581	0	9146	62081
8	MAHANADI COALFIELDS LTD.	1781	3615	0	7634	8833	14525	22095	58483
9	NORTHERN COALFIELDS LTD.	1601	3001	0	8720	906	0	19519	33747
10	SOUTH EASTERN COALFIELDS LTD.	2804	7769	0	20425	13580	0	0	44578
11	WESTERN COALFIELDS LTD.	2033	6703	0	12912	14093	25170	0	60911
	SUB TOTAL :	**14816**	**31001**	**0**	**96538**	**103474**	**63359**	**63442**	**372630**
CRUDE OIL									
12	BHARAT PETRO RESOURCES LTD.	4	4	0	0	0	0	11	19
13	OIL & NATURAL GAS CORPORATION LTD.	16414	1195	0	8022	1534	161	920	28246
14	OIL INDIA INTERNATIONAL LTD.	0	0	0	0	0	0	0	0
15	OIL INDIA LTD.	1687	1039	0	2431	1099	0	2361	8617
16	ONGC VIDESH LTD.	1371	0	0	483	0	0	196	2050
17	PRIZE PETROLEUM COMPANY LTD.	12	0	0	0	0	1	5	18
	SUB TOTAL :	**19488**	**2238**	**0**	**10936**	**2633**	**162**	**3493**	**38950**
OTHER MINERALS & METALS									
18	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	25	0	0	9	1	0	103	138
19	HINDUSTAN COPPER LTD.	501	0	21	761	193	0	5134	6610
20	IREL (INDIA) LTD.	323	0	0	423	206	33	876	1861

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
21	J & K MINERAL DEVELOPMENT CORPN. LTD.	1	0	0	0	2	0	0	3
22	KIOCL LTD.	201	0	37	433	28	0	698	1397
23	MOIL LTD.	345	0	136	1204	4104	0	4781	10570
24	NATIONAL ALUMINIUM COMPANY LTD.	1667	375	0	3000	478	0	9	5529
25	NMDC Ltd.	1468	0	138	3315	618	0	11704	17243
26	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	70	17	0	121	44	2	225	479
27	THE BISRA STONE LIME COMPANY LTD.	16	0	0	486	0	0	129	631
28	URANIUM CORPORATION OF INDIA LTD.	292	0	271	1570	2329	71	29	4562
	SUB TOTAL :	**4909**	**392**	**603**	**11322**	**8003**	**106**	**23688**	**49023**
STEEL									
29	FERRO SCRAP NIGAM LTD.	129	0	0	432	2	0	0	563
30	MISHRA DHATU NIGAM LTD.	248	0	36	324	162	451	93	1314
31	RASHTRIYA ISPAT NIGAM LTD.	5185	5496	5	4234	853	0	16816	32589
32	STEEL AUTHORITY OF INDIA LTD.	10504	0	0	48276	3401	58	62040	124279
	SUB TOTAL :	**16066**	**5496**	**41**	**53266**	**4418**	**509**	**78949**	**158745**
PETROLEUM (REFINERY & MARKETING)									
33	BHARAT GAS RESOURCES LTD,	0	0	0	0	0	0	101	101
34	BHARAT OMAN REFINERIES LIMITED,	594	0	0	0	0	0	4603	5197
35	BHARAT PETROLEUM CORPN. LTD.	5094	0	0	2779	721	0	18560	27154
36	CHENNAI PETROLEUM CORPORATION LTD.	753	0	0	733	0	0	0	1486
37	HINDUSTAN PETROLEUM CORPN. LTD.	6018	0	0	2539	508	15	39275	48355
38	INDIAN OIL CORPORATION LTD.	17929	4754	0	8290	281	6	82748	114008
39	MANGALORE REFINERY & PETROCHEMICALS LTD.	1102	0	0	1470	0	0	3531	6103
40	NUMALIGARH REFINERY LTD.	539	0	0	446	0	0	2329	3314
	SUB TOTAL :	**32029**	**4754**	**0**	**16257**	**1510**	**21**	**151147**	**205718**
FERTILIZERS									
41	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	315	0	0	95	2	0	825	1237

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
42	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	594	0	0	957	105	265	445	2366
43	HINDUSTAN FERTILIZER CORPN. LTD.	0	1	0	0	0	0	0	1
44	MADRAS FERTILIZERS LTD.	323	0	0	175	13	10	2251	2772
45	NATIONAL FERTILIZERS LTD.	1538	0	0	1403	62	0	3338	6341
46	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	764	739	534	479	119	991	1190	4816
47	THE FERTILIZER CORPN. OF INDIA LTD.	1	0	0	0	0	0	21	22
	SUB TOTAL :	**3535**	**740**	**534**	**3109**	**301**	**1266**	**8070**	**17555**
CHEMICALS & PHARMACEUTICALS									
48	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	47	9	0	40	34	10	28	168
49	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	39	26	19	16	7	13	14	134
50	BIHAR DRUGS AND ORGANIC CHEMICALS LTD	0	0	0	0	0	0	0	0
51	BRAHAMPUTRA CRACKERS & POLYMER LTD.	424	0	187	0	0	0	0	611
52	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	19	31	6	1	95	6	13	171
53	HIL (INDIA) LTD.	0	0	151	280	18	0	0	449
54	HINDUSTAN ANTIBIOTICS LTD.	104	1	0	245	82	60	9	501
55	HINDUSTAN FLUOROCARBONS LIMITED	0	0	0	0	0	0	0	0
56	HINDUSTAN ORGANIC CHEMICALS LTD.	74	0	39	89	10	24	160	396
57	HLL BIOTECH LTD.	45	0	26	22	0	0	14	107
58	IDPL (TAMILNADU) LTD.	0	0	0	0	0	0	0	0
59	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0	0	0	0
60	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	17	66	5	0	0	350	13	451
61	INDIAN VACCINE CORP. LTD.	0	0	0	0	0	0	1	1
62	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	208	0	0	370	0	0	550	1128

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
63	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD	0	0	0	0	0	0	0	0
64	MANIPUR STATE DRUGS & PHAREMACEUTICALS LTD	0	0	0	0	0	0	0	0
65	ORISSA DRUGS & CHEMICALS LTD.	0	0	0	0	0	0	0	0
66	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0	0	0	0
	SUB TOTAL :	**977**	**133**	**433**	**1063**	**246**	**463**	**802**	**4117**
HEAVY & MEDIUM ENGINEERING									
67	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	1841	1555	1609	8403	382	597	1523	15910
68	ARMOURED VEHICLES NIGAM LIMITED	1631	2138	0	8030	0	0	0	11799
69	BALMER LAWRIE & CO. LTD.	494	0	207	44	191	0	536	1472
70	BEL OPTRONICS DEVICES LTD.	36	0	0	97	0	0	45	178
71	BEL-THALES SYSTEMS LTD.	16	0	0	0	0	0	0	16
72	BHARAT DYNAMICS LTD.	824	0	0	1661	189	0	154	2828
73	BHARAT ELECTRONICS LTD.	5712	0	355	2630	156	0	4648	13501
74	BHARAT HEAVY ELECTRICALS LTD.	10280	0	4758	15718	2	0	15260	46018
75	BHARAT PUMPS & COMPRESSORS LTD.	0	0	0	0	0	0	0	0
76	BHARAT WAGON & ENGG. CO. LTD.	0	0	0	0	0	0	0	0
77	BRAITHWAITE & CO. LTD.	46	11	8	119	0	290	216	690
78	BURN STANDARD COMPANY LTD.	0	0	0	0	0	0	0	0
79	CENTRAL ELECTRONICS LTD.	136	0	0	137	2	7	68	350
80	COCHIN SHIPYARD LTD.	421	0	128	1105	97	8569	1388	11708
81	ELECTRONICS CORPN. OF INDIA LTD.	1219	0	0	277	59	1918	1274	4747
82	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	479	61	107	994	106	0	43	1790
83	GOA SHIPYARD LTD.	228	0	134	652	172	0	101	1287
84	HEAVY ENGINEERING CORPN. LTD.	615	0	31	601	48	0	1666	2961
85	HINDUSTAN AERONAUTICS LTD.	7783	0	0	17625	4	189	10632	36233

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
86	HINDUSTAN CABLES LTD.	0	0	0	0	0	0	0	0
87	HINDUSTAN SHIPYARD LTD.	291	128	0	327	1	0	426	1173
88	HMT BEARINGS LTD.	0	0	0	0	0	0	0	0
89	HMT LTD.	31	0	1	34	0	0	98	164
90	HMT MACHINE TOOLS LTD.	267	102	13	405	9	944	114	1854
91	HMT WATCHES LTD.	0	0	0	0	0	0	0	0
92	HOOGHLY DOCK AND PORT ENGINEERS LTD.	0	0	0	0	0	0	0	0
93	HOOGLY COCHIN SHIPYARD LTD.	15	0	0	24	0	0	0	39
94	I T I LTD.	1358	0	0	307	0	0	777	2442
95	INSTRUMENTATION LTD.	37	0	51	76	15	0	180	359
96	MAZAGON DOCK SHIPBUILDERS LTD.	968	220	0	1967	188	4842	1629	9814
97	MUNITIONS INDIA LTD.	0	0	0	0	0	0	4198	4198
98	NAINI AEROSPACE LTD.	18	100	0	0	0	6	43	167
99	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	74	0	56	55	25	550	76	836
100	RICHARDSON & CRUDDAS(1972) LTD.	3	0	0	0	1	0	0	4
101	SAIL REFRACTORY COMPANY LTD.	14	0	0	72	0	0	0	86
102	SCOOTERS INDIA LTD.	0	0	0	0	0	0	0	0
103	TROOP COMFORTS LIMITED	0	0	0	0	0	0	0	0
104	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	0	0	0	0	0
105	UDUPI COCHIN SHIPYARDS LTD.	1	0	0	0	0	0	58	59
106	VIGNYAN INDUSTRIES LTD.	0	0	0	0	0	0	0	0
	SUB TOTAL :	**34838**	**4315**	**7458**	**61360**	**1647**	**17912**	**45153**	**172683**
TRANSPORTATION VEHICLE & EQUIPMENT									
107	BEML LTD.	1913	1731	0	1924	5	0	4775	10348
	SUB TOTAL :	**1913**	**1731**	**0**	**1924**	**5**	**0**	**4775**	**10348**
INDUSTRIAL AND CONSUMER GOODS									
108	ANDREW YULE & COMPANY LTD.	138	360	67	825	12967	0	0	14357
109	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	99	0	0	162	10	497	97	865
110	CEMENT CORPN. OF INDIA LTD.	123	102	0	189	0	0	1651	2065

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
111	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	0	0	0	0	0
112	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	0	0	0	0
113	HINDUSTAN SALTS LTD.	22	12	9	39	0	33	18	133
114	HLL LIFECARE LTD.	407	0	156	446	377	0	2305	3691
115	NAGALAND PULP & PAPER COMPANY LTD.	0	0	0	0	0	0	0	0
116	NEPA LTD.	103	0	0	101	0	57	172	433
117	SAMBHAR SALTS LTD.	10	0	12	3	48	295	51	419
118	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	352	531	409	2636	2526	406	889	7749
	SUB TOTAL :	**1254**	**1005**	**653**	**4401**	**15928**	**1288**	**5183**	**29712**
TEXTILES									
119	APOLLO DESIGN APPAREL PARKS LTD.	20	0	18	0	0	0	339	377
120	AURANGABAD TEXTILES & APPAREL PARKS LTD.	5	0	0	0	0	0	20	25
121	BIRDS JUTE & EXPORTS LTD.	0	0	0	0	0	0	0	0
122	BRITISH INDIA CORPORATION LTD.	27	136	18	322	76	0	0	579
123	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	19	0	13	0	2	0	359	393
124	INDIA UNITED TEXTILE MILLS LTD.	7	0	0	0	0	0	33	40
125	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0	0	0	0	0	0
126	NATIONAL TEXTILE CORPN. LTD.	377	259	89	3295	952	4527	907	10406
	SUB TOTAL :	**455**	**395**	**138**	**3617**	**1030**	**4527**	**1658**	**11820**
POWER GENERATION									
127	BHARTIYA RAIL BIJLEE CO. LTD.	242	0	0	38	0	0	1437	1717
128	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	0	0	0	0	0	0
129	KANTI BIJLEE UTPADAN NIGAM LTD.	189	0	38	0	0	0	1067	1294
130	NABINAGAR POWER GENERATING COMPANY LTD.	237	0	0	33	0	0	0	270
131	NHDC LTD.	223	0	41	71	110	0	0	445
132	NHPC LTD.	3166	0	173	1287	466	0	7006	12098
133	NLC INDIA LTD.	3130	0	382	6210	1095	0	16400	27217

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
134	NLC TAMIL NADU POWER LTD.	169	23	5	0	0	0	1371	1568
135	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	729	227	0	633	56	0	48	1693
136	NTPC LTD.	11517	0	16	5672	320	0	141	17666
137	NUCLEAR POWER CORPN. OF INDIA LTD.	4125	0	1911	4737	0	0	23058	33831
138	RATNAGIRI GAS & POWER PVT. LTD.	61	0	0	0	0	0	0	61
139	SJVN LTD.	712	1	229	271	26	0	0	1239
140	TATIYA ANDHRA MEGA POWER LTD.	0	0	0	0	0	0	0	0
141	THDC INDIA LTD.	813	0	67	569	195	0	6234	7878
	SUB TOTAL :	**25313**	**251**	**2862**	**19521**	**2268**	**0**	**56762**	**106977**
POWER TRANSMISSION									
142	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	0	0	0	0	0	0
143	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	0	0	0	0	0	0	0	0
144	NTPC ELECTRIC SUPPLY COMPANY LTD.	1	0	0	0	0	0	0	1
145	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	0	0	0	0	0	0
146	POWER GRID AJMER PHAGI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
147	POWER GRID CORPORATION OF INDIA LTD.	4410	0	2239	1816	71	0	434	8970
148	POWER GRID FATEGARH TRANSMISSION LTD	0	0	0	0	0	0	0	0
149	POWER GRID KHETRI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
150	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	0	0	0	0	0	0	0	0
151	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	0	0	0	0	0	0	0	0
152	POWER GRID VARANASI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
153	POWER SYSTEM OPERATION CORPORATION LTD.	546	0	46	43	0	0	0	635
154	POWERGRID HIMACHAL TRANSMISSION LTD.	6	0	11	13	0	0	0	30

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S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
155	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	0	0	0	0	0	0	0	0
156	POWERGRID NM TRANMISSION LTD.	0	0	0	0	0	0	0	0
157	POWERGRID UNCHAHAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
158	REC POWER DEVELOPMENT & CONSULTANCY LTD.	53	0	0	0	0	0	882	935
159	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0	0	0	0	0	0	0
160	TANDA TRANSMISSION COMPANY LTD.	0	0	0	0	0	0	0	0
	SUB TOTAL :	**5016**	**0**	**2296**	**1872**	**71**	**0**	**1316**	**10571**
TRADING & MARKETING									
161	ANTRIX CORPORATION LTD.	12	0	7	0	0	29	2	50
162	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	111	4	0	7	81	82	2	287
163	FOOD CORPN. OF INDIA	5560	15202	0	2180	29162	0	0	52104
164	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	0	0	0	0	0	0
165	HMT (INTERNATIONAL) LTD.	20	0	0	0	0	0	0	20
166	INDIA TRADE PROMOTION ORGANISATION	89	0	34	125	194	0	3	445
167	KARNATAKA TRADE PROMOTION ORGANISATION	1	0	0	0	0	0	0	1
168	M M T C LTD.	277	292	0	15	13	0	0	597
169	M S T C LTD.	225	90	0	0	0	0	0	315
170	NATIONAL FILM DEV. CORPN. LTD.	11	9	4	7	23	0	52	106
171	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	50	0	20	56	0	0	39	165
172	NEWSPACE INDIA LTD.	12	0	0	0	0	0	15	27
173	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	3	14	0	10	23	21	21	92

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S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
174	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0	21	1	18	23	63
175	NTPC VIDYUT VYAPAR NIGAM LTD.	38	0	0	0	0	0	4	42
176	P E C LTD.	35	2	0	0	0	0	1	38
177	STATE TRADING CORPN. OF INDIA LTD.	99	0	0	42	24	0	0	165
178	STCL LTD.	0	0	0	0	0	0	0	0
179	TAMIL NADU TRADE PROMOTION ORGANISATION	7	0	0	0	0	0	211	218
180	THE COTTON CORPN. OF INDIA LTD.	135	600	0	0	0	16	27	778
181	THE JUTE CORPN. OF INDIA LTD.	55	0	0	58	12	57	60	242
	SUB TOTAL :	**6740**	**16213**	**65**	**2521**	**29533**	**223**	**460**	**55755**
TRANSPORT AND LOGISTIC SERVICES									
182	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	75	64	0	0	0	1	2711	2851
183	AI AIRPORT SERVICES LTD.	62	67	0	176	564	0	14239	15108
184	AI ENGINEERING SERVICES LTD.	402	131	0	1778	130	170	2543	5154
185	AIRPORTS AUTHORITY OF INDIA	9642	2333	0	1987	2234	0	15947	32143
186	ALLIANCE AIR AVIATION LTD.	227	183	0	439	0	0	0	849
187	BPCL-KIAL FUEL FARM PVT. LTD.	2	0	0	0	0	0	0	2
188	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0	0	0	0	0	0
189	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	47	0	0	0	0	0	1	48
190	CENTRAL WAREHOUSING CORPN.	978	762	0	393	155	0	0	2288
191	CHANDIGARH INTERNATIONAL AIRPORT LTD.	25	2	0	0	0	0	1	28
192	CONCOR AIR LTD.	1	0	4	6	0	0	0	11
193	CONTAINER CORPORATION OF INDIA LTD.	270	0	262	827	0	0	0	1359
194	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1001	0	0	256	882	0	365	2504
195	FRESH & HEALTHY ENTERPRISES LTD.	0	0	0	0	4	0	0	4

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
196	GAIL (INDIA) LTD.	3893	88	0	727	46	0	1	4755
197	GAIL GAS LTD.	0	0	0	0	0	0	0	0
198	INLAND & COASTAL SHIPPING LTD.	0	0	0	0	0	0	0	0
199	KONKAN LNG LIMITED	56	0	0	0	0	144	29	229
200	PAWAN HANS LTD.	155	92	0	51	0	0	304	602
201	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0	0	0	0	2	2
202	SHIPPING CORPORATION OF INDIA LTD.	500	52	0	0	0	14	298	864
203	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	0	0	0	0	4	4
204	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	4	0	2	0	0	0	0	6
	SUB TOTAL :	**17340**	**3774**	**268**	**6640**	**4015**	**329**	**36445**	**68811**
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES									
205	AGRINNOVATE INDIA LTD.	0	0	0	0	0	0	13	13
206	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	42	20	6	6	7	329	18	428
207	BRIDGE & ROOF CO.(INDIA) LTD.	679	243	0	157	10	0	863	1952
208	BROADCAST ENGG. CONSULTANTS INDIA LTD.	56	0	13	0	0	0	317	386
209	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	795	1002	0	637	514	0	935	3883
210	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	64	0	3	0	0	0	69	136
211	CHHATTISGARH EAST RAILWAYS LTD.	7	5	0	0	0	0	0	12
212	DELHI POLICE HOUSING CORPORATION LTD.	3	0	0	0	0	0	5	8
213	EdCIL(India) Ltd.	64	0	17	16	0	20	50	167
214	ENGINEERING PROJECTS (INDIA) LTD.	241	0	13	16	0	0	27	297
215	ENGINEERS INDIA LTD.	1708	0	883	119	0	0	31	2741
216	HINDUSTAN PREFAB LTD.	21	37	0	49	22	0	65	194
217	HINDUSTAN STEELWORKS COSTN. LTD.	24	1	0	0	2	0	166	193
218	HLL INFRA TECH SERVICES LTD.	127	0	11	0	0	0	257	395
219	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	0	0	0	0	0	0
220	HSCC (INDIA) LTD.	139	0	31	5	3	0	91	269

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S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
221	HSRC INFRA SERVICES LTD.	29	0	0	0	0	0	1	30
222	IIFCL PROJECTS LTD.	12	0	0	0	0	0	0	12
223	INDIAN PORTS GLOBAL LTD	3	0	0	0	0	2	3	8
224	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	0	0	0	0	0	0	0	0
225	IRCON BHOJ MORBE EXPRESSWAY LTD.	0	0	0	0	0	0	0	0
226	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	2	0	0	0	0	0	3	5
227	IRCON GURGAON REWARI HIGHWAY SERVICES	3	0	0	0	0	0	1	4
228	IRCON HARIDWAR BYPASS LIMITED	0	0	0	0	0	0	0	0
229	IRCON INFRASTRUCTURE & SERVICES LTD.	29	0	6	0	0	0	24	59
230	IRCON INTERNATIONAL LTD.	731	0	226	27	0	0	294	1278
231	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	0	0	0	0	0	0	0	0
232	IRCON PB TOLLWAY LTD.	4	0	0	0	0	0	10	14
233	IRCON SHIVPURI GUNA TOLLWAY LTD.	5	0	1	0	0	0	5	11
234	IRCON VADODARA KIM EXPRESSWAY LTD.	6	0	0	0	0	0	2	8
235	KONKAN RAILWAY CORPORATION LTD.	248	1212	0	3190	857	0	306	5813
236	MECON LTD.	1016	112	0	0	0	32	1712	2872
237	MINERAL EXPLORATION CORPN. LTD.	291	218	0	405	0	0	951	1865
238	MUMBAI RAILWAY VIKAS CORPORATION LTD.	64	0	0	0	7	0	131	202
239	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	68	0	2	0	0	0	104	174
240	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	192	61	0	71	0	0	206	530
241	NATIONAL RESEARCH DEVELOPMENT CORPN.	34	0	1	13	9	2	11	70
242	NATIONAL SMALL INDUSTRIES CORPN. LTD.	484	82	0	60	15	0	16	657
243	NBCC (INDIA) LTD.	453	64	440	194	216	0	248	1615
244	NBCC ENGINEERING AND CONSULTANCY LTD.	0	0	0	0	0	0	0	0

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
245	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	0	0	0	0	0	0
246	NBCC INTERNATIONAL LTD.	0	0	0	0	0	0	0	0
247	NBCC SERVICES LTD.	0	0	0	0	0	0	0	0
248	PFC CONSULTING LTD.	32	0	0	0	0	101	0	133
249	PROJECTS & DEVELOPMENT INDIA LTD.	306	0	17	4	0	0	187	514
250	RAIL VIKAS NIGAM LTD.	468	0	0	3	36	0	882	1389
251	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	0	0	0	0	0	0	0	0
252	RITES LTD.	1467	0	166	192	140	0	681	2646
253	SOLAR ENERGY CORPORATION OF INDIA	99	0	12	0	0	10	120	241
254	TCIL BINA TOLL ROAD LTD.	0	0	0	2	23	0	0	25
255	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	0	1	15	0	0	16
256	WAPCOS LTD.	741	188	0	1	104	202	1163	2399
	SUB TOTAL :	**10757**	**3245**	**1848**	**5168**	**1980**	**698**	**9968**	**33664**
HOTEL AND TOURIST SERVICES									
257	HOTEL CORPN. OF INDIA LTD.	29	43	73	120	170	96	157	688
258	INDIA TOURISM DEV. CORPN. LTD.	162	18	0	341	46	0	40	607
259	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	286	0	483	639	0	555	0	1963
260	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1	0	6	6	0	0	34	47
261	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	0	7	0	0	0	7
262	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0	0	0	0	0	0
	SUB TOTAL :	**478**	**61**	**562**	**1113**	**216**	**651**	**231**	**3312**
FINANCIAL SERVICES									
263	AIR INDIA ASSETS HOLDING LTD	0	0	0	0	0	0	12	12
264	BALMER LAWRIE INVESTMENTS LTD.	0	0	0	0	0	0	0	0
265	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	49	0	10	0	0	0	39	98

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S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
266	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	8	0	0	0	0	0	12	20
267	E. C. G. C. LTD.	261	283	0	20	5	51	1	621
268	EASTERN INVESTMENT LTD.	1	0	0	0	0	0	0	1
269	HOUSING & URBAN DEV. CORPN. LTD.	547	0	45	34	77	0	0	703
270	IIFCL ASSET MANAGEMENT COMPANY LTD.	2	0	0	0	0	0	3	5
271	INDIA INFRASTRUCTURE FINANCE CO. LTD.	96	0	0	0	0	0	1	97
272	INDIAN RAILWAY FINANCE CORPORATION LTD.	24	0	13	0	0	0	68	105
273	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	140	0	4	1	13	0	53	211
274	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	13	0	3	0	0	3	1	20
275	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	1	0	0	0	0	0	0	1
276	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	24	0	6	23	0	0	0	53
277	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	20	0	5	10	0	0	15	50
278	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	16	0	5	8	10	0	0	39
279	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	11	0	10	0	0	0	19	40
280	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	47	0	7	23	0	0	0	77
281	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	23	0	22	0	0	0	19	64
282	NMDC CSR FOUNDATION	0	0	0	0	0	0	4	4
283	NSIC VENTURE CAPITAL FUND LTD.	0	0	0	0	0	0	0	0
284	POWER FINANCE CORPORATION LTD.	474	0	0	22	0	0	67	563

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
285	REC LTD.	392	0	0	15	33	0	2	442
286	SAGARMALA DEVELOPMENT COMPANY LTD.	2	0	0	0	0	0	6	8
	SUB TOTAL :	**2151**	**283**	**130**	**156**	**138**	**54**	**322**	**3234**
TELECOMMUNICATION & INFORMATION TECHNOLOGY									
287	BHARAT BROADBAND NETWORK LTD.	105	0	0	0	0	0	1740	1845
288	BHARAT SANCHAR NIGAM LTD.	29657	0	0	32551	0	3336	9169	74713
289	MAHANAGAR TELEPHONE NIGAM LTD.	1229	0	0	1587	930	0	540	4286
290	MILLENNIUM TELECOM LTD.	0	0	0	0	0	0	0	0
291	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	1	0	0	0	0	0	0	1
292	RAILTEL CORPORATION INDIA LTD.	479	0	14	7	0	1678	178	2356
293	RAILTEL ENTERPRISES LTD.	11	0	0	0	0	24	5	40
294	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	360	265	0	112	0	0	20	757
	SUB TOTAL :	**31842**	**265**	**14**	**34257**	**930**	**5038**	**11652**	**83998**
UNDER CONSTRUCTION									
295	ANANTHPURAM KURNOOL TRANSMISSION LTD.	0	0	0	0	0	0	0	0
296	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	0	0	0	0	0	0
297	BHADLASIKAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
298	BHARAT PETRO RESOURCES JPDA	0	0	0	0	0	0	0	0
299	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	186	0	85	194	0	0	0	465
300	BIDAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
301	BIHAR INFRAPOWER LTD.	0	0	0	0	0	0	0	0
302	BIHAR MEGA POWER LTD.	0	0	0	0	0	0	0	0
303	BSNL TOWER CORPORATION	0	0	0	0	0	0	0	0
304	BUNDELKHAND SAUR URJA LTD.	10	0	0	0	0	0	17	27
305	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 Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
306	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	238	0	36	25	0	0	3793	4092
307	CHEYYUR INFRA LTD.	0	0	0	0	0	0	0	0
308	CHHATARPUR TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
309	CHHATTISGARH COPPER LTD	0	0	0	0	0	0	0	0
310	CHHATTISGARH EAST-WEST RAILWAYS LTD.	7	5	0	0	0	0	0	12
311	CHHATTISGARH MEGA STEEL CO. LTD.	0	0	0	0	0	0	0	0
312	CHHATTISHGARH SURGUJA POWER LTD.	0	0	0	0	0	0	0	0
313	COASTAL KARNATAKA POWER LTD.	0	0	0	0	0	0	0	0
314	COASTAL TAMIL NADU POWER LTD.	0	0	0	0	0	0	0	0
315	DEOGHAR AIRPORT LTD	0	0	0	0	0	0	0	0
316	DEOGHAR INFRA LTD.	0	0	0	0	0	0	0	0
317	DEOGHAR MEGA POWER LTD.	0	0	0	0	0	0	0	0
318	DHALBHUMGARH AIRPORT LTD	0	0	0	0	0	0	0	0
319	DHOLERA INTERNATIONAL AIRPORT	0	0	0	0	0	0	2	2
320	DUMKA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
321	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	0	0	0	0	0	0	0	0
322	ER NER TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
323	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	0	0	0
324	GLIDERS INDIA LIMITED	0	0	0	0	0	0	0	0
325	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0	0	0	0	5	5
326	HLL MEDIPARK LTD	0	0	0	0	0	0	0	0
327	HPCL LNG LTD.	11	2	0	0	0	0	0	13
328	HPCL RAJASTHAN REFINERY LTD.	44	0	0	0	0	0	16378	16422
329	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	2	0	0	0	0	0	2	4
330	INDIA OPTEL LIMITED	0	0	0	0	0	0	0	0
331	INDO RUSSIAN HELICOPTERS LTD.	1	0	0	0	0	0	4	5

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S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
332	IRCON RENEWABLE POWER LTD.	0	0	0	0	0	0	0	0
333	IREL IDCOL LTD.	0	0	0	0	0	0	0	0
334	ITPO SERVICES LTD.	0	0	0	0	0	0	0	0
335	JAGDISHPUR PAPER MILLS LTD.	0	0	0	0	0	0	0	0
336	JALPOWER CORPORATION LTD.	28	0	0	2	0	0	35	65
337	JHARKHAND CENTRAL RAILWAY LTD.	1	0	0	0	0	0	0	1
338	JHARKHAND INFRAPOWER LTD.	0	0	0	0	0	0	0	0
339	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	0	0	0	0	0	0
340	KARMYOGI BHARAT	0	0	0	0	0	0	0	0
341	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	0	0	0	0	0	0
342	KHETRI-NARELA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
343	KISHTWAR TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
344	KODERMA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
345	KOLKATA METRO RAIL CORPORATION LTD.	6	0	0	0	0	0	49	55
346	LANCOTEESTA HYDRO POWER LTD	80	0	4	4	0	0	79	167
347	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	9	0	1	0	0	0	56	66
348	LUDHIANA INTERNATIONAL AIRPORT LTD.	0	0	0	0	0	0	0	0
349	MAHANADI BASIN POWER LTD.	3	0	0	0	0	0	0	3
350	MAHANADI COAL RAILWAY LTD.	5	0	0	2	0	0	6	13
351	MAMC INDUSTRIES LTD.	0	0	0	0	0	0	0	0
352	MANDAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
353	MJSJ COAL LTD.	2	1	0	0	0	0	0	3
354	MNH SHAKTI LTD.	3	1	0	0	0	0	0	4
355	MOHANLALGANJ TRANSMISSION LIMITED	0	0	0	0	0	0	0	0
356	MP POWER TRANSMISSION PACKAGE-I LTD.	0	0	0	0	0	0	0	0

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
357	NEW CITY OF BOMBAY MFG. MILLS LTD.	5	0	0	0	0	0	8	13
358	NEYVELI UTTAR PRADESH POWER LTD	224	0	1	1	0	0	0	226
359	NMDC STEEL LTD.	0	0	0	0	0	0	0	0
360	NMDC-CMDC LTD.	0	0	0	2	0	0	11	13
361	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	0	0	0	0	0	0	0	0
362	NTPC EDMC WASTE SOLUTIONS	0	0	0	3	0	0	0	3
363	NTPC MINING LTD	0	0	0	0	0	0	0	0
364	NTPC RENEWABLE ENERGY LTD.	42	0	0	0	0	0	0	42
365	ODISHA INFRAPOWER LTD.	0	0	0	0	0	0	0	0
366	ORISSA INTEGRATED POWER LTD.	0	0	0	0	0	0	0	0
367	PATRATU VIDYUT UTPADAN NIGAM LTD.	149	0	0	2	0	0	0	151
368	POWER ENERGY SERVICES LTD.	0	0	0	0	0	0	0	0
369	POWER GRID BHIND GUNA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
370	POWER GRID BHUJ TRANSMISSION LTD	0	0	0	0	0	0	0	0
371	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD	0	0	0	0	0	0	0	0
372	POWER GRID RAMGARH TRANSMISSION LTD.	0	0	0	0	0	0	0	0
373	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	0	0	0	0	0	0	0	0
374	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
375	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
376	POWERGRID BHADLA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
377	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED	0	0	0	0	0	0	0	0
378	POWERGRID SIKAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
379	POWERGRID TELESERVICES LTD.	0	0	0	0	0	0	0	0

(Cont.)

S. No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
380	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	0	0	0	0	0	0
381	RAJGARH TRANSMISSION LTD.	0	0	0	0	0	0	0	0
382	RATLE HYDROELECTRIC POWER CORPORATION LTD.	0	0	0	0	0	0	63	63
383	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	0	0	0
384	SJVN GREEN ENERGY LTD.	0	0	0	0	0	0	0	0
385	SJVN THERMAL PVT. LTD.	73	0	15	5	17	0	115	225
386	TUSCO LTD.	17	2	0	0	0	18	6	43
387	YANTRA INDIA LIMITED	0	0	0	0	0	0	0	0
388	YULE ELECTRICAL LTD.	0	0	0	0	0	0	0	0
389	YULE ENGINEERING COMPANY LTD.	0	0	0	0	0	0	0	0
	SUB TOTAL :	**1146**	**11**	**142**	**240**	**17**	**18**	**20629**	**22203**
	GRAND TOTAL :	**231304**	**76303**	**18170**	**336499**	**178818**	**96690**	**524423**	**1462207**

STATEMENT - H

Representation of SCs, STs and OBCs in the CPSEs under different Ministries/Departments as on 31.3.2022

S. N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
MINISTRY OF AGRICULTURE AND FARMERS WELFARE																					
D/O AGRICULTURE COOPERATION AND FARMERS WELFARE																					
1	NATIONAL SEEDS CORPN. LTD.	213	29	11	45	33	2	0	3	621	92	40	152	455	131	15	124	1322	254	66	324
	SUB TOTAL :	**213**	**29**	**11**	**45**	**33**	**2**	**0**	**3**	**621**	**92**	**40**	**152**	**455**	**131**	**15**	**124**	**1322**	**254**	**66**	**324**
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	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 AYUSH																					
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	17	2	0	3	71	21	1	0	0	0	0	0	0	0	0	0	88	23	1	3
	SUB TOTAL :	**17**	**2**	**0**	**3**	**71**	**21**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**88**	**23**	**1**	**3**
MINISTRY OF CHEMICALS & FERTILIZERS																					
D/O CHEMICALS & PETROCHEMICALS																					
4	HIL (INDIA) LTD.	0	0	0	0	151	24	3	16	280	58	15	102	18	3	2	7	449	85	20	125
5	HINDUSTAN ORGANIC CHEMICALS LTD.	74	8	4	14	39	7	5	5	89	15	2	35	10	1	0	9	212	31	11	63
	SUB TOTAL :	**74**	**8**	**4**	**14**	**190**	**31**	**8**	**21**	**369**	**73**	**17**	**137**	**28**	**4**	**2**	**16**	**661**	**116**	**31**	**188**
MINISTRY OF CHEMICALS & FERTILIZERS																					
D/O FERTILIZER																					
6	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	315	26	39	88	0	0	0	0	95	9	14	34	2	2	0	0	412	37	53	122
7	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	25	3	0	7	0	0	0	0	9	0	0	2	1	0	0	0	35	3	0	9

(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	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			
8	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	594	81	24	172	0	0	0	0	957	123	24	445	105	16	2	50	1656	220	50	667
9	HINDUSTAN FERTILIZER CORPN. LTD.	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
10	MADRAS FERTILIZERS LTD.	323	75	5	135	0	0	0	0	175	46	0	116	13	11	0	2	511	132	5	253
11	NATIONAL FERTILIZERS LTD.	1538	300	79	193	0	0	0	0	1403	326	72	234	62	44	0	8	3003	670	151	435
12	PROJECTS & DEVELOPMENT INDIA LTD.	306	46	18	72	17	6	1	2	4	0	0	0	0	0	0	0	327	52	19	74
13	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	764	139	40	141	1273	182	107	199	479	72	42	153	119	17	12	34	2635	410	201	527
	SUB TOTAL :	**3865**	**670**	**205**	**808**	**1291**	**189**	**108**	**201**	**3122**	**576**	**152**	**984**	**302**	**90**	**14**	**94**	**8580**	**1525**	**479**	**2087**
MINISTRY OF CHEMICALS & FERTILIZERS																					
D/O PHARMACEUTICALS																					
14	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	47	4	0	3	9	6	0	0	40	4	1	1	34	6	0	1	130	20	1	5
15	HINDUSTAN ANTIBIOTICS LTD.	104	14	3	10	1	0	0	1	245	20	12	53	82	20	7	10	432	54	22	74
16	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	208	29	7	35	0	0	0	0	370	45	4	89	0	0	0	0	578	74	11	124
	SUB TOTAL :	**359**	**47**	**10**	**48**	**10**	**6**	**0**	**1**	**655**	**69**	**17**	**143**	**116**	**26**	**7**	**11**	**1140**	**148**	**34**	**203**
MINISTRY OF CIVIL AVIATION																					
17	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	75	12	2	15	64	24	42	310	0	139	36	213	0	104	19	97	139	279	99	635
18	AI AIRPORT SERVICES LTD.	62	0	0	0	67	0	0	0	176	0	0	0	564	0	0	0	869	0	0	0
19	AI ENGINEERING SERVICES LTD.	402	56	21	53	131	106	37	126	1778	579	204	860	130	175	29	106	2441	916	291	1145

(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	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			
20	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
21	AIRPORTS AUTHORITY OF INDIA	9642	1612	702	2516	2333	495	210	569	1987	361	297	698	2234	925	154	323	16196	3393	1363	4106
22	ALLIANCE AIR AVIATION LTD.	227	21	5	19	183	33	13	36	439	51	19	97	0	0	0	0	849	105	37	152
23	CHANDIGARH INTERNATIONAL AIRPORT LTD.	25	2	0	2	2	1	0	0	0	0	0	0	0	0	0	0	27	3	0	2
24	HOTEL CORPN. OF INDIA LTD.	29	7	4	0	116	20	2	10	120	18	10	16	170	50	20	22	435	95	36	48
25	PAWAN HANS LTD.	155	16	3	11	92	25	12	9	51	13	13	8	0	0	0	0	298	54	28	28
	SUB TOTAL :	**10617**	**1726**	**737**	**2616**	**2988**	**704**	**316**	**1060**	**4551**	**1161**	**579**	**1892**	**3098**	**1254**	**222**	**548**	**21254**	**4845**	**1854**	**6116**
MINISTRY OF COAL																					
26	BHARAT COKING COAL LTD.	1836	263	80	373	2825	3098	3701	4032	12709	3365	3826	4917	21786	510	262	1010	39156	7236	7869	10332
27	CENTRAL COALFIELDS LTD.	2285	259	181	436	3255	285	184	694	14883	2594	2286	3837	15438	4421	3228	4158	35861	7559	5879	9125
28	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	795	102	40	184	1002	159	87	229	637	76	51	166	514	57	54	103	2948	394	232	682
29	CHHATTISGARH EAST RAILWAYS LTD.	7	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0
30	COAL INDIA LTD.	436	40	28	42	321	14	6	22	453	36	56	26	257	4	11	8	1467	94	101	98
31	EASTERN COALFIELDS LTD.	2040	397	133	314	3512	275	146	494	18802	6623	3128	7136	28581	7328	3498	7397	52935	14623	6905	15341
32	MAHANADI COALFIELDS LTD.	1781	273	142	413	3615	344	248	174	7634	881	479	173	8833	1423	996	308	21863	2921	1865	1068
33	NLC INDIA LTD.	3130	670	273	539	382	70	4	186	6210	1213	67	2151	1095	304	2	639	10817	2257	346	3515
34	NLC TAMIL NADU POWER LTD.	169	42	20	36	28	5	3	10	0	0	0	0	0	0	0	0	197	47	23	46
35	NORTHERN COALFIELDS LTD.	1601	206	52	241	3001	201	90	136	8720	1452	1003	1614	906	492	363	742	14228	2351	1508	2733
36	SOUTH EASTERN COALFIELDS LTD.	2804	404	180	406	7769	451	357	710	20425	4060	4676	6637	13580	3025	4327	2941	44578	7940	9540	10694
37	WESTERN COALFIELDS LTD.	2033	393	89	246	6703	650	220	1393	12912	3713	1310	7387	14093	1356	575	2121	35741	6112	2194	11147
	SUB TOTAL :	**18917**	**3049**	**1218**	**3230**	**32418**	**5552**	**5046**	**8080**	**1E+05**	**24013**	**16882**	**34044**	**1E+05**	**18920**	**13316**	**19427**	**3E+05**	**51534**	**36462**	**64781**

(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	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
MINISTRY OF COMMERCE & INDUSTRY																					
D/O COMMERCE																					
38	E. C. G. C. LTD.	261	47	19	61	283	51	20	74	20	3	3	2	5	1	0	1	569	102	42	138
39	INDIA TRADE PROMOTION ORGANISATION	89	19	3	13	34	10	1	0	125	24	4	20	194	56	3	6	442	109	11	39
40	KARNATAKA TRADE PROMOTION ORGANISATION	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
41	M M T C LTD.	277	55	21	33	292	67	45	20	15	3	0	12	13	4	0	7	597	129	66	72
42	TAMIL NADU TRADE PROMOTION ORGANISATION	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
	SUB TOTAL :	**635**	**121**	**43**	**107**	**609**	**128**	**66**	**94**	**160**	**30**	**7**	**34**	**212**	**61**	**3**	**14**	**1616**	**340**	**119**	**249**
MINISTRY OF COMMERCE & INDUSTRY																					
D/O PROMOTION OF INDUSTRY AND INTERNAL TRADE																					
43	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	13	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0
	SUB TOTAL :	**13**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**16**	**0**	**0**	**0**
MINISTRY OF COMMUNICATION																					
D/O TELECOMMUNICATIONS																					
44	BHARAT BROADBAND NETWORK LTD.	105	19	4	8	0	0	0	0	0	0	0	0	0	0	0	0	105	19	4	8
45	BHARAT SANCHAR NIGAM LTD.	29657	6000	2182	8087	0	0	0	0	32551	6870	2152	4947	0	0	0	0	62208	12870	4334	13034
46	I T I LTD.	1358	263	50	275	0	0	0	0	307	137	11	197	0	0	0	0	1665	400	61	472
47	MAHANAGAR TELEPHONE NIGAM LTD.	1229	244	66	218	0	0	0	0	1587	351	32	84	930	288	19	47	3746	883	117	349
48	MILLENNIUM TELECOM LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	TCIL BINA TOLL ROAD LTD.	0	0	0	0	0	0	0	0	2	0	0	0	23	0	0	0	25	0	0	0
50	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	0	0	0	0	0	0	1	0	0	0	15	0	0	0	16	0	0	0

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S. N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
51	TELECOMMUNI-CATIONS CONSUL-TANTS (INDIA) LTD.	360	57	19	51	265	42	5	52	112	17	2	30	0	0	0	0	737	116	26	133
	SUB TOTAL :	**32709**	**6583**	**2321**	**8639**	**265**	**42**	**5**	**52**	**34560**	**7375**	**2197**	**5258**	**968**	**288**	**19**	**47**	**68502**	**14288**	**4542**	**13996**
MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION																					
D/O FOOD & PUBLIC DISTRIBUTION																					
52	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	47	5	1	13	0	0	0	0	0	0	0	0	0	0	0	0	47	5	1	13
53	CENTRAL WAREHOUSING CORPN.	978	52	32	42	762	269	124	280	393	68	35	92	155	52	12	28	2288	441	203	442
54	FOOD CORPN. OF INDIA	5560	1254	1023	945	15202	3344	1304	4571	2180	590	317	571	29162	0	0	0	52104	5188	2644	6087
	SUB TOTAL :	**6585**	**1311**	**1056**	**1000**	**15964**	**3613**	**1428**	**4851**	**2573**	**658**	**352**	**663**	**29317**	**52**	**12**	**28**	**54439**	**5634**	**2848**	**6542**
MINISTRY OF DEFENCE																					
D/O DEFENCE PRODUCTION																					
55	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	1841	369	102	400	3164	684	148	690	8403	1836	429	2036	382	132	13	34	13790	3021	692	3160
56	ARMOURED VEHICLES NIGAM LIMITED	1631	0	0	0	2138	0	0	0	8030	0	0	0	0	0	0	0	11799	0	0	0
57	BEL OPTRONICS DEVICES LTD.	36	1	0	11	0	0	0	0	97	10	2	0	0	0	0	0	133	11	2	11
58	BEL-THALES SYSTEMS LTD.	16	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	16	1	2	4
59	BEML LTD.	1913	356	106	496	1731	280	110	318	1924	554	108	490	5	4	0	0	5573	1194	324	1304
60	BHARAT DYNAMICS LTD.	824	162	85	180	0	0	0	0	1661	320	109	529	189	48	14	72	2674	530	208	781
61	BHARAT ELECTRONICS LTD.	5712	1072	382	1377	355	39	4	46	2630	478	117	703	156	24	16	35	8853	1613	519	2161
62	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	479	81	26	129	168	47	8	47	994	245	33	113	106	29	9	8	1747	402	76	297
63	GOA SHIPYARD LTD.	228	33	23	56	134	3	7	21	652	37	76	211	172	14	14	22	1186	87	120	310
64	HINDUSTAN AERONAUTICS LTD.	7783	1391	480	1965	0	0	0	0	17625	3084	1356	4974	4	1	0	1	25412	4476	1836	6940

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S. N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
65	HINDUSTAN SHIPYARD LTD.	291	54	24	96	128	22	29	29	327	78	39	121	1	0	0	0	747	154	92	246
66	MAZAGON DOCK SHIPBUILDERS LTD.	968	185	67	280	220	43	17	68	1967	475	295	1142	188	0	1	0	3343	703	380	1490
67	MISHRA DHATU NIGAM LTD.	248	45	14	65	36	1	5	16	324	62	36	132	162	26	10	75	770	134	65	288
68	MUNITIONS INDIA LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	NAINI AEROSPACE LTD.	18	0	0	2	100	20	0	30	0	0	0	0	0	0	0	0	118	20	0	32
70	TROOP COMFORTS LIMITED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SUB TOTAL :	**21988**	**3750**	**1311**	**5061**	**8174**	**1139**	**328**	**1265**	**44634**	**7179**	**2600**	**10451**	**1365**	**278**	**77**	**247**	**76161**	**12346**	**4316**	**17024**
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION																					
71	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	3	0	1	2	14	4	4	5	10	0	0	3	23	0	4	0	50	4	9	10
72	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	0	0	0	0	0	0	0	0	21	0	0	0	1	0	0	0	22	0	0	0
	SUB TOTAL :	**3**	**0**	**1**	**2**	**14**	**4**	**4**	**5**	**31**	**0**	**0**	**3**	**24**	**0**	**4**	**0**	**72**	**4**	**9**	**10**
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY																					
73	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																					
74	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	8	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	8	1	0	1

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S. N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
75	IIFCL ASSET MANAGEMENT COMPANY LTD.	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1
76	IIFCL PROJECTS LTD.	12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	1
77	INDIA INFRASTRUCTURE FINANCE CO. LTD.	96	13	3	22	0	0	0	0	0	0	0	0	0	0	0	0	96	13	3	22
	SUB TOTAL :	**118**	**15**	**3**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**118**	**15**	**3**	**25**
MINISTRY OF FINANCE																					
D/O ECONOMIC AFFAIRS																					
78	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	352	54	19	71	940	145	77	175	2636	533	295	546	2526	492	186	277	6454	1224	577	1069
	SUB TOTAL :	**352**	**54**	**19**	**71**	**940**	**145**	**77**	**175**	**2636**	**533**	**295**	**546**	**2526**	**492**	**186**	**277**	**6454**	**1224**	**577**	**1069**
MINISTRY OF HEALTH & FAMILY WELFARE																					
DEPARTMENT OF HEALTH AND FAMILY WELFARE																					
79	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	19	0	0	5	37	0	0	18	1	0	0	1	95	5	0	71	152	5	0	95
80	HLL BIOTECH LTD.	45	0	0	0	26	0	0	0	22	0	0	0	0	0	0	0	93	0	0	0
81	HLL INFRA TECH SERVICES LTD.	127	13	2	23	11	0	0	1	0	0	0	0	0	0	0	0	138	13	2	24
82	HLL LIFECARE LTD.	407	45	8	81	156	26	22	30	446	70	20	10	377	101	20	168	1386	242	70	289
	SUB TOTAL :	**598**	**58**	**10**	**109**	**230**	**26**	**22**	**49**	**469**	**70**	**20**	**11**	**472**	**106**	**20**	**239**	**1769**	**260**	**72**	**408**
MINISTRY OF HEAVY INDUSTRIES																					
83	ANDREW YULE & COMPANY LTD.	138	0	0	0	427	0	0	0	825	0	0	0	12967	0	0	0	14357	0	0	0
84	BHARAT HEAVY ELECTRICALS LTD.	10280	1912	884	2803	4758	891	356	1314	15718	3486	1020	6877	2	104	46	156	30758	6393	2306	11150
85	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	42	6	0	2	26	1	0	3	6	1	0	0	7	0	0	0	81	8	0	5
86	BRIDGE & ROOF CO.(INDIA) LTD.	679	113	8	71	243	15	0	15	157	17	3	12	10	7	0	0	1089	152	11	98
87	CEMENT CORPN. OF INDIA LTD.	123	14	2	26	102	12	7	21	189	26	24	54	0	39	0	0	414	91	33	101

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S. N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
88	ENGINEERING PROJECTS (INDIA) LTD.	241	42	11	46	13	3	0	3	16	3	0	7	0	0	0	0	270	48	11	56
89	HEAVY ENGINEERING CORPN. LTD.	615	172	71	110	31	3	6	1	601	101	204	172	48	10	12	5	1295	286	293	288
90	HINDUSTAN SALTS LTD.	22	0	0	6	21	3	0	30	39	1	0	1	0	2	2	0	82	6	2	37
91	HMT (INTERNATIONAL) LTD.	20	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	20	0	1	7
92	HMT LTD.	31	7	1	6	1	0	0	0	34	6	2	6	0	0	0	0	66	13	3	12
93	HMT MACHINE TOOLS LTD.	267	40	9	60	115	19	5	37	405	96	22	154	9	4	1	1	796	159	37	252
94	INSTRUMENTATION LTD.	37	3	3	13	51	12	1	20	76	8	0	36	15	5	0	17	179	28	4	86
95	NEPA LTD.	103	4	1	16	0	0	0	0	101	16	3	17	0	0	0	0	204	20	4	33
96	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	74	10	3	17	56	19	0	8	55	9	4	18	25	8	1	7	210	46	8	50
97	RICHARDSON & CRUDDAS(1972) LTD.	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0
98	SAMBHAR SALTS LTD.	10	2	0	2	12	2	1	2	3	0	0	1	48	22	1	17	73	26	2	22
	SUB TOTAL :	**12685**	**2325**	**994**	**3185**	**5856**	**980**	**376**	**1454**	**18225**	**3770**	**1282**	**7355**	**13132**	**201**	**63**	**203**	**49898**	**7276**	**2715**	**12197**
MINISTRY OF HOME AFFAIRS																					
99	DELHI POLICE HOUSING CORPORATION LTD.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
	SUB TOTAL :	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**
MINISTRY OF HOUSING & URBAN AFFAIRS																					
100	HINDUSTAN PREFAB LTD.	21	3	0	1	37	9	4	2	49	27	2	0	22	7	0	2	129	46	6	5
101	HINDUSTAN STEELWORKS COSTN. LTD.	24	11	4	40	1	0	0	2	0	0	0	0	2	0	0	1	27	11	4	43
102	HOUSING & URBAN DEV. CORPN. LTD.	547	83	31	63	45	5	3	11	34	7	5	4	77	22	12	7	703	117	51	85
103	HSCC (INDIA) LTD.	139	19	3	28	31	3	0	7	5	1	0	1	3	2	0	0	178	25	3	36

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S. N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
104	NBCC (INDIA) LTD.	453	82	28	87	504	77	30	139	194	32	0	9	216	40	0	13	1367	231	58	248
105	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 :	**1184**	**198**	**66**	**219**	**618**	**94**	**37**	**161**	**282**	**67**	**7**	**14**	**320**	**71**	**12**	**23**	**2404**	**430**	**122**	**417**
MINISTRY OF HUMAN RESOURCE DEVELOPMENT																					
D/O HIGHER EDUCATION																					
106	EdCIL(India) Ltd.	64	0	0	0	17	0	0	0	16	0	0	0	0	0	0	0	97	0	0	0
	SUB TOTAL :	**64**	**0**	**0**	**0**	**17**	**0**	**0**	**0**	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**97**	**0**	**0**	**0**
MINISTRY OF INFORMATION & BROADCASTING																					
107	BROADCAST ENGG. CONSULTANTS INDIA LTD.	56	13	1	8	13	5	0	0	0	0	0	0	0	0	0	0	69	18	1	8
108	NATIONAL FILM DEV. CORPN. LTD.	11	3	0	1	13	4	0	3	7	2	0	2	23	6	0	7	54	15	0	13
	SUB TOTAL :	**67**	**16**	**1**	**9**	**26**	**9**	**0**	**3**	**7**	**2**	**0**	**2**	**23**	**6**	**0**	**7**	**123**	**33**	**1**	**21**
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES																					
109	NATIONAL SMALL INDUSTRIES CORPN. LTD.	484	72	14	95	82	6	0	11	60	26	0	13	15	3	0	2	641	107	14	121
110	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 :	**484**	**72**	**14**	**95**	**82**	**6**	**0**	**11**	**60**	**26**	**0**	**13**	**15**	**3**	**0**	**2**	**641**	**107**	**14**	**121**
MINISTRY OF MINES																					
111	HINDUSTAN COPPER LTD.	501	82	22	99	21	4	0	4	761	125	133	127	193	79	26	22	1476	290	181	252
112	MINERAL EXPLORATION CORPN. LTD.	291	41	15	78	218	31	18	63	405	83	19	188	0	0	0	0	914	155	52	329
113	NATIONAL ALUMINIUM COMPANY LTD.	1667	250	158	248	375	66	65	30	3000	494	720	466	478	68	123	69	5520	878	1066	813
	SUB TOTAL :	**2459**	**373**	**195**	**425**	**614**	**101**	**83**	**97**	**4166**	**702**	**872**	**781**	**671**	**147**	**149**	**91**	**7910**	**1323**	**1299**	**1394**
MINISTRY OF MINORITIES AFFAIRS																					
114	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	16	2	1	4	5	2	0	1	8	2	1	1	10	6	0	2	39	12	2	8
	SUB TOTAL :	**16**	**2**	**1**	**4**	**5**	**2**	**0**	**1**	**8**	**2**	**1**	**1**	**10**	**6**	**0**	**2**	**39**	**12**	**2**	**8**

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S. N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
MINISTRY OF NEW AND RENEWABLE ENERGY																					
115	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	140	18	8	22	4	1	0	0	1	0	0	0	13	3	1	3	158	22	9	25
116	SOLAR ENERGY CORPORATION OF INDIA	99	9	4	17	12	1	0	2	0	0	0	0	0	0	0	0	111	10	4	19
	SUB TOTAL :	**239**	**27**	**12**	**39**	**16**	**2**	**0**	**2**	**1**	**0**	**0**	**0**	**13**	**3**	**1**	**3**	**269**	**32**	**13**	**44**
MINISTRY OF PETROLEUM & NATURAL GAS																					
117	BALMER LAWRIE & CO. LTD.	494	60	7	88	207	37	7	56	44	1	0	15	191	22	4	50	936	120	18	209
118	BALMER LAWRIE INVESTMENTS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	BHARAT GAS RESOURCES LTD,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	BHARAT OMAN REFINERIES LIMITED,	594	36	2	196	0	0	0	0	0	0	0	0	0	0	0	0	594	36	2	196
121	BHARAT PETRO RESOURCES LTD.	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0
122	BHARAT PETROLEUM CORPN. LTD.	5094	851	350	1124	0	0	0	0	2779	363	121	816	721	137	54	212	8594	1351	525	2152
123	BPCL-KIAL FUEL FARM PVT. LTD.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
124	BRAHAMPUTRA CRACKERS & POLYMER LTD.	424	62	27	112	187	21	26	67	0	0	0	0	0	0	0	0	611	83	53	179
125	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	64	11	0	14	3	0	0	1	0	0	0	0	0	0	0	0	67	11	0	15
126	CHENNAI PETROLEUM CORPORATION LTD.	753	165	38	193	0	0	0	0	733	156	10	331	0	0	0	0	1486	321	48	524
127	ENGINEERS INDIA LTD.	1708	317	75	258	883	149	60	209	119	38	5	22	0	0	0	0	2710	504	140	489
128	GAIL (INDIA) LTD.	3893	618	280	832	88	13	3	25	727	136	33	261	46	13	6	12	4754	780	322	1130
129	GAIL GAS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
130	HINDUSTAN PETROLEUM CORPN. LTD.	6018	992	446	1397	0	0	0	0	2539	440	230	411	508	119	59	42	9065	1551	735	1850
131	HPCL BIOFUELS LTD.	28	5	3	25	90	21	5	64	597	69	19	331	0	0	0	0	715	95	27	420
132	INDIAN OIL CORPORATION LTD.	17929	3049	1344	4412	4754	768	497	537	8290	1478	635	2692	281	72	25	34	31254	5367	2501	7675
133	KONKAN LNG LIMITED	56	12	7	13	0	0	0	0	0	0	0	0	0	0	0	0	56	12	7	13
134	MANGALORE REFINERY & PETROCHEMICALS LTD.	1102	85	35	240	0	0	0	0	1470	156	61	555	0	0	0	0	2572	241	96	795
135	NUMALIGARH REFINERY LTD.	539	68	34	146	0	0	0	0	446	38	66	160	0	0	0	0	985	106	100	306
136	OIL & NATURAL GAS CORPORATION LTD.	16414	2821	1639	3409	1195	158	233	221	8022	954	994	3109	1534	249	154	423	27165	4182	3020	7162
137	OIL INDIA LTD.	1687	248	160	452	1039	59	123	261	2431	209	426	1097	1099	144	166	563	6256	660	875	2373
138	ONGC VIDESH LTD.	1371	46	24	45	0	0	0	0	483	0	1	2	0	0	0	0	1854	46	25	47
139	PRIZE PETROLEUM COMPANY LTD.	12	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	2
140	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
	SUB TOTAL :	**58190**	**9446**	**4471**	**12958**	**8452**	**1226**	**954**	**1441**	**28680**	**4038**	**2601**	**9802**	**4380**	**756**	**468**	**1336**	**99702**	**15466**	**8494**	**25537**
MINISTRY OF PORTS, SHIPPING & WATERWAYS																					
141	COCHIN SHIPYARD LTD.	421	49	22	65	128	10	5	19	1105	107	13	498	97	9	3	90	1751	175	43	672
142	HOOGLY COCHIN SHIPYARD LTD.	15	2	2	2	0	0	0	0	24	0	0	0	0	0	0	0	39	2	2	2
143	INDIAN PORTS GLOBAL LTD	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
144	INLAND & COASTAL SHIPPING LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	SAGARMALA DEVELOPMENT COMPANY LTD.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
146	SHIPPING CORPORATION OF INDIA LTD.	500	104	45	88	52	16	5	2	0	0	0	0	0	0	0	0	552	120	50	90

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		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
147	UDUPI COCHIN SHIPYARDS LTD.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	SUB TOTAL :	**942**	**155**	**69**	**155**	**180**	**26**	**10**	**21**	**1129**	**107**	**13**	**498**	**97**	**9**	**3**	**90**	**2348**	**297**	**95**	**764**
MINISTRY OF POWER																					
148	BHARTIYA RAIL BIJLEE CO. LTD.	242	34	17	0	0	0	0	0	38	2	0	0	0	0	0	0	280	36	17	0
149	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	KANTI BIJLEE UTPADAN NIGAM LTD.	189	36	6	43	38	0	0	18	0	0	0	0	0	0	0	0	227	36	6	61
151	NABINAGAR POWER GENERATING COMPANY LTD.	237	42	14	82	0	0	0	0	33	3	0	20	0	0	0	0	270	45	14	102
152	NHDC LTD.	223	29	11	58	41	7	1	8	71	9	10	22	110	30	17	31	445	75	39	119
153	NHPC LTD.	3166	530	239	724	173	26	4	23	1287	127	71	76	466	98	31	15	5092	781	345	838
154	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	729	84	190	146	227	14	75	42	633	41	331	109	56	0	51	3	1645	139	647	300
155	NTPC LTD.	11517	1714	718	2673	16	0	0	0	5672	852	462	1410	320	109	51	109	17525	2675	1231	4192
156	NTPC VIDYUT VYAPAR NIGAM LTD.	38	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	38	2	2	3
157	PFC CONSULTING LTD.	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0
158	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
159	POWER FINANCE CORPORATION LTD.	474	86	30	93	0	0	0	0	22	3	2	3	0	0	0	0	496	89	32	96
160	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
161	POWER GRID CORPORATION OF INDIA LTD.	4410	661	313	1083	2239	341	209	819	1816	268	200	545	71	16	5	22	8536	1286	727	2469
162	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

(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	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			
163	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
164	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
165	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
166	POWER GRID VARANASI TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	POWER SYSTEM OPERATION CORPORATION LTD.	546	85	35	136	46	4	1	16	43	5	1	3	0	0	0	0	635	94	37	155
168	POWERGRID HIMACHAL TRANSMISSION LTD.	6	0	0	0	11	0	0	0	13	0	0	0	0	0	0	0	30	0	0	0
169	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
170	POWERGRID NM TRANMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	POWERGRID UNCHAHAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	RATNAGIRI GAS & POWER PVT. LTD.	61	3	0	15	0	0	0	0	0	0	0	0	0	0	0	0	61	3	0	15
173	REC LTD.	392	43	17	83	0	0	0	0	15	3	0	1	33	15	0	3	440	61	17	87
174	REC POWER DEVELOPMENT & CONSULTANCY LTD.	53	6	1	13	0	0	0	0	0	0	0	0	0	0	0	0	53	6	1	13
175	SJVN LTD.	712	123	50	99	230	51	11	33	271	84	28	12	26	3	1	0	1239	261	90	144
176	THDC INDIA LTD.	813	84	21	78	67	9	1	11	569	89	4	32	195	46	0	18	1644	228	26	139
	SUB TOTAL :	**23840**	**3562**	**1664**	**5329**	**3088**	**452**	**302**	**970**	**10483**	**1486**	**1109**	**2233**	**1277**	**317**	**156**	**201**	**38688**	**5817**	**3231**	**8733**
MINISTRY OF RAILWAYS																					
177	BRAITHWAITE & CO. LTD.	46	0	1	5	19	1	0	0	119	20	0	0	0	0	0	0	184	21	1	5

(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	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			
178	CONCOR AIR LTD.	1	0	0	0	4	0	0	0	6	0	0	0	0	0	0	0	11	0	0	0
179	CONTAINER CORPORATION OF INDIA LTD.	270	39	6	49	262	35	10	61	827	128	55	223	0	0	0	0	1359	202	71	333
180	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1001	191	58	328	0	0	0	0	256	56	18	162	882	189	84	460	2139	436	160	950
181	FRESH & HEALTHY ENTERPRISES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	4	1	0	0
182	HSRC INFRA SERVICES LTD.	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0
183	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	286	41	11	49	483	117	39	129	639	109	24	160	0	0	0	0	1408	267	74	338
184	INDIAN RAILWAY FINANCE CORPORATION LTD.	24	0	0	2	13	6	1	3	0	0	0	0	0	0	0	0	37	6	1	5
185	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186	IRCON BHOJ MORBE EXPRESSWAY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
187	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
188	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
189	IRCON HARIDWAR BYPASS LIMITED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190	IRCON INFRASTRUCTURE & SERVICES LTD.	29	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	35	0	0	0
191	IRCON INTERNATIONAL LTD.	731	96	31	162	226	30	8	47	27	5	1	2	0	0	0	0	984	131	40	211
192	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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S. N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
193	IRCON PB TOLLWAY LTD.	4	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0	4	1	0	5
194	IRCON SHIVPURI GUNA TOLLWAY LTD.	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
195	IRCON VADODARA KIM EXPRESSWAY LTD.	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
196	KONKAN RAILWAY CORPORATION LTD.	248	31	12	48	1212	92	63	503	3190	589	177	1081	857	120	106	561	5507	832	358	2193
197	MUMBAI RAILWAY VIKAS CORPORATION LTD.	64	7	3	7	0	1	0	0	0	0	0	0	7	2	0	1	71	10	3	8
198	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
199	RAIL VIKAS NIGAM LTD.	468	43	10	81	0	0	0	0	3	0	0	0	36	0	0	0	507	43	10	81
200	RAILTEL CORPORATION INDIA LTD.	479	65	19	119	14	4	0	3	7	0	0	0	0	0	0	0	500	69	19	122
201	RAILTEL ENTERPRISES LTD.	11	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	11	3	0	2
202	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
203	RITES LTD.	1467	217	73	309	166	18	5	21	192	33	15	45	140	34	5	11	1965	302	98	386
204	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SUB TOTAL :	**5174**	**734**	**224**	**1161**	**2406**	**304**	**126**	**772**	**5266**	**940**	**290**	**1673**	**1926**	**346**	**195**	**1033**	**14772**	**2324**	**835**	**4639**
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS																					
205	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	68	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	70	0	0	0
	SUB TOTAL :	**68**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**70**	**0**	**0**	**0**

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S. N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
MINISTRY OF SCIENCE & TECHNOLOGY																					
DEPT. OF BIOTECHNOLOGY																					
206	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	39	11	1	2	45	9	3	9	16	16	0	8	7	1	0	0	107	37	4	19
207	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 :	**88**	**13**	**1**	**11**	**55**	**10**	**3**	**12**	**16**	**16**	**0**	**8**	**7**	**1**	**0**	**0**	**166**	**40**	**4**	**31**
MINISTRY OF SCIENCE & TECHNOLOGY																					
DEPT.OF SCIENTIFIC & INDUSTRIAL RESEARCH																					
208	CENTRAL ELECTRONICS LTD.	136	17	0	13	0	0	0	0	137	39	0	15	2	1	0	1	275	57	0	29
209	NATIONAL RESEARCH DEVELOPMENT CORPN.	34	6	0	4	1	0	0	0	13	4	0	1	9	4	0	0	57	14	0	5
	SUB TOTAL :	**170**	**23**	**0**	**17**	**1**	**0**	**0**	**0**	**150**	**43**	**0**	**16**	**11**	**5**	**0**	**1**	**332**	**71**	**0**	**34**
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT																					
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY																					
210	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	99	15	2	19	0	0	0	0	162	36	4	39	10	3	0	0	271	54	6	58
211	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	20	2	0	3	5	1	0	0	10	1	1	5	0	0	0	0	35	4	1	8
	SUB TOTAL :	**119**	**17**	**2**	**22**	**5**	**1**	**0**	**0**	**172**	**37**	**5**	**44**	**10**	**3**	**0**	**0**	**306**	**58**	**7**	**66**
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT																					
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT																					
212	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	24	3	0	4	6	1	1	7	23	4	0	1	0	0	0	0	53	8	1	12

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		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
213	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	11	3	0	1	10	0	0	0	0	0	0	0	0	0	0	0	21	3	0	1
214	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	47	13	3	7	7	4	0	1	23	11	1	6	0	0	0	0	77	28	4	14
	SUB TOTAL :	**82**	**19**	**3**	**12**	**23**	**5**	**1**	**8**	**46**	**15**	**1**	**7**	**0**	**0**	**0**	**0**	**151**	**39**	**5**	**27**
MINISTRY OF STEEL																					
215	EASTERN INVESTMENT LTD.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
216	FERRO SCRAP NIGAM LTD.	129	14	4	28	0	0	0	0	432	89	53	87	2	2	0	0	563	105	57	115
217	KIOCL LTD.	201	38	15	28	37	5	2	6	433	63	27	58	28	4	4	4	699	110	48	96
218	M S T C LTD.	225	32	16	59	90	16	3	23	0	0	0	0	0	0	0	0	315	48	19	82
219	MECON LTD.	1016	223	57	137	112	17	51	10	0	0	0	0	0	0	0	0	1128	240	108	147
220	MOIL LTD.	345	58	15	96	136	22	7	58	1204	288	190	410	4104	763	1250	1507	5789	1131	1462	2071
221	NMDC CSR FOUNDATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
222	NMDC Ltd.	1468	249	106	305	138	19	13	48	3315	543	939	681	618	16	339	103	5539	827	1397	1137
223	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	70	7	0	17	17	28	6	4	121	120	30	33	44	40	13	5	252	195	49	59
224	RASHTRIYA ISPAT NIGAM LTD.	5185	862	444	997	5501	891	380	261	4234	664	292	1789	853	106	69	52	15773	2523	1185	3099
225	SAIL REFRACTORY COMPANY LTD.	14	3	0	10	0	0	0	0	72	20	0	53	0	0	0	0	86	23	0	63
226	STEEL AUTHORITY OF INDIA LTD.	10504	1796	782	1850	0	0	0	0	48276	8697	8990	7841	3401	50	4	0	62181	10543	9776	9691
227	THE BISRA STONE LIME COMPANY LTD.	16	0	0	0	0	0	0	0	486	0	0	0	0	0	0	0	502	0	0	0
	SUB TOTAL :	**19174**	**3282**	**1439**	**3527**	**6031**	**998**	**462**	**410**	**58573**	**10484**	**10521**	**10952**	**9050**	**981**	**1679**	**1671**	**92828**	**15745**	**14101**	**16560**
MINISTRY OF TEXTILES																					
228	APOLLO DESIGN APPAREL PARKS LTD.	20	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	38	0	0	0

(Cont.)

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		Group A Managerial/ Executives Level				Group B Supervisory Level				Group C Workers (Skilled)				Group D Workers (Un-Skilled)				Total Employees			
229	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
230	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	111	16	0	7	4	1	0	0	7	1	0	1	81	26	0	5	203	44	0	13
231	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	19	0	0	0	13	0	0	0	0	0	0	0	2	0	0	0	34	0	0	0
232	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
233	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	50	5	4	6	20	1	0	6	56	4	3	8	0	0	0	0	126	10	7	20
234	NATIONAL TEXTILE CORPN. LTD.	377	41	3	57	348	28	4	61	3295	930	64	1557	952	82	7	130	4972	1081	78	1805
235	THE COTTON CORPN. OF INDIA LTD.	135	22	3	13	600	135	26	156	0	0	0	0	0	0	0	0	735	157	29	169
236	THE JUTE CORPN. OF INDIA LTD.	55	6	4	10	0	0	0	0	58	7	3	6	12	3	0	0	125	16	7	16
	SUB TOTAL :	**779**	**90**	**14**	**93**	**1003**	**165**	**30**	**223**	**3416**	**942**	**70**	**1572**	**1047**	**111**	**7**	**135**	**6245**	**1308**	**121**	**2023**
MINISTRY OF TOURISM																					
237	INDIA TOURISM DEV. CORPN. LTD.	162	23	4	23	18	3	0	0	341	110	9	19	46	23	2	5	567	159	15	47
238	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
239	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1	0	0	0	6	0	1	4	6	2	0	6	0	0	0	0	13	2	1	10
	SUB TOTAL :	**164**	**23**	**4**	**23**	**24**	**3**	**1**	**4**	**347**	**112**	**9**	**25**	**46**	**23**	**2**	**5**	**581**	**161**	**16**	**57**
MINISTRY OF TRIBAL AFFAIRS																					
240	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	23	4	3	3	22	8	2	5	0	0	0	0	0	0	0	0	45	12	5	8
	SUB TOTAL :	**23**	**4**	**3**	**3**	**22**	**8**	**2**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**45**	**12**	**5**	**8**

(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	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 WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION																					
241	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	192	0	0	0	61	0	0	0	71	0	0	0	0	0	0	0	324	0	0	0
242	WAPCOS LTD.	741	95	16	110	188	39	7	35	1	0	0	1	104	32	2	18	1034	166	25	164
	SUB TOTAL :	**933**	**95**	**16**	**110**	**249**	**39**	**7**	**35**	**72**	**0**	**0**	**1**	**104**	**32**	**2**	**18**	**1358**	**166**	**25**	**164**
DEPT. OF ATOMIC ENERGY																					
243	ELECTRONICS CORPN. OF INDIA LTD.	1219	227	127	314	0	0	0	0	277	60	53	66	59	17	2	16	1555	304	182	396
244	IREL (INDIA) LTD.	323	50	11	35	0	0	0	0	423	93	18	63	206	54	3	54	952	197	32	152
245	NUCLEAR POWER CORPN. OF INDIA LTD.	4125	395	143	746	1911	302	128	611	4737	852	460	1485	0	0	0	0	10773	1549	731	2842
246	URANIUM CORPORATION OF INDIA LTD.	292	37	25	55	271	37	36	47	1570	117	296	200	2329	265	1630	202	4462	456	1987	504
	SUB TOTAL :	**5959**	**709**	**306**	**1150**	**2182**	**339**	**164**	**658**	**7007**	**1122**	**827**	**1814**	**2594**	**336**	**1635**	**272**	**17742**	**2506**	**2932**	**3894**
DEPT. OF SPACE																					
247	ANTRIX CORPORATION LTD.	12	1	0	0	7	0	0	3	0	0	0	0	0	0	0	0	19	1	0	3
248	NEWSPACE INDIA LTD.	12	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	2
	SUB TOTAL :	**24**	**1**	**0**	**2**	**7**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**31**	**1**	**0**	**5**
	GRAND TOTAL :	**229994**	**38609**	**16448**	**50327**	**94164**	**16372**	**9967**	**22148**	**335888**	**65740**	**40766**	**91129**	**178699**	**25059**	**18269**	**26165**	**838745**	**145780**	**85450**	**189769**

STATEMENT - I

Procurement from Micro and Small Enterprises (MSEs) by CPSEs during FY 2021-22

(₹ in Lakhs)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procuremet from MSEs owned by SC/ST entrepreneurs
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	12912	3276	0
2	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	35080	18649	1000
3	AGRINNOVATE INDIA LTD.	75	51	0
4	AI ENGINEERING SERVICES LTD.	60022	995	0
5	AIR INDIA ASSETS HOLDING LTD	6	2	0
6	ANDREW YULE & COMPANY LTD.	11394	6076	21
7	ANTRIX CORPORATION LTD.	188	108	76
8	APOLLO DESIGN APPAREL PARKS LTD.	3848	81	0
9	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	19732	6599	0
10	BALMER LAWRIE & CO. LTD.	157672	11230	124
11	BEL OPTRONICS DEVICES LTD.	275	177	0
12	BEL THALES SYSTEMS LTD.	2843	73	0
13	BEML LTD.	210927	66691	741
14	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	3373	2324	0
15	BHARAT BROADBAND NETWORK LTD.	453166	7504	0
16	BHARAT COKING COAL LTD.	9184	5822	28
17	BHARAT DYNAMICS LTD.	175952	52299	1100
18	BHARAT ELECTRONICS LTD.	700778	217639	4503
19	BHARAT GAS RESOURCES LTD,	66201	11972	0
20	BHARAT HEAVY ELECTRICALS LTD.	892316	265408	1072
21	BHARAT OMAN REFINERIES LIMITED,	3174840	15207	0
22	BHARAT PETRO RESOURCES LTD.	460	152	0
23	BHARAT PETROLEUM CORPN. LTD.	1387828	400652	13316
24	BHARAT SANCHAR NIGAM LTD.	195345	40593	45
25	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	971	689	30
26	BHARTIYA RAIL BIJLEE CO. LTD.	37307	10815	1
27	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	248	219	0
28	BRAHAMPUTRA CRACKERS & POLYMER LTD.	47435	20452	476
29	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	2005	791	18
30	BRAITHWAITE & CO. LTD.	97795	25599	0
31	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	6936	5637	0
32	BRIDGE & ROOF CO.(INDIA) LTD.	72366	18550	2962
33	BUNDELKHAND SAUR URJA LTD.	57	57	0
34	CEMENT CORPN. OF INDIA LTD.	3450	2351	109

(Cont.)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procuremet from MSEs owned by SC/ST entrepreneurs
35	CENTRAL COALFIELDS LTD.	50588	8409	20
36	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1635	982	6
37	CENTRAL ELECTRONICS LTD.	19135	15033	23
38	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	7742	4722	78
39	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	377	352	0
40	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	4	3	0
41	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	956	604	0
42	CHANDIGARH INTERNATIONAL AIRPORT LTD.	394	392	0
43	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	188	9	1
44	CHENNAI PETROLEUM CORPORATION LTD.	65506	33953	5806
45	COAL INDIA LTD.	244627	19612	0
46	COCHIN SHIPYARD LTD.	101167	52294	251
47	CONTAINER CORPORATION OF INDIA LTD.	63111	16070	595
48	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	4519	3443	19
49	E. C. G. C. LTD.	1411	602	24
50	EASTERN COALFIELDS LTD.	23071	13385	34
51	EdCIL(India) Ltd.	1337	1291	0
52	ELECTRONICS CORPN. OF INDIA LTD.	50448	19563	18
53	ENGINEERING PROJECTS (INDIA) LTD.	3679	783	1
54	ENGINEERS INDIA LTD.	84300	11211	42
55	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1347	443	0
56	FERRO SCRAP NIGAM LTD.	30159	3278	0
57	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	403942	21565	4
58	FRESH & HEALTHY ENTERPRISES LTD.	755	105	0
59	GAIL (INDIA) LTD.	368900	147800	6900
60	GAIL GAS LTD.	101921	77049	798
61	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	91804	58981	853
62	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	596	315	0
63	GOA SHIPYARD LTD.	16160	9690	67
64	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	4098	358	0
65	HEAVY ENGINEERING CORPN. LTD.	3288	854	0
66	HINDUSTAN AERONAUTICS LTD.	269680	118554	1304
67	HINDUSTAN COPPER LTD.	26842	7213	160
68	HINDUSTAN ORGANIC CHEMICALS LTD.	47996	1622	1
69	HINDUSTAN PETROLEUM CORPN. LTD.	1141791	425758	21397
70	HINDUSTAN PREFAB LTD.	37	26	0
71	HINDUSTAN SALTS LTD.	159	49	0
72	HINDUSTAN SHIPYARD LTD.	101991	28526	54

(Cont.)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procuremet from MSEs owned by SC/ST entrepreneurs
73	HINDUSTAN STEELWORKS COSTN. LTD.	44	29	3
74	HLL INFRA TECH SERVICES LTD.	19	19	0
75	HLL LIFECARE LTD.	27824	14536	10
76	HMT (INTERNATIONAL) LTD.	648	486	0
77	HMT LTD.	856	332	46
78	HMT MACHINE TOOLS LTD.	6693	1596	49
79	HOOGLY COCHIN SHIPYARD LTD.	6500	5000	0
80	HOTEL CORPN. OF INDIA LTD.	785	94	10
81	HOUSING & URBAN DEV. CORPN. LTD.	911	541	37
82	HPCL BIOFUELS LTD.	6014	2572	3
83	HPCL LNG LTD.	54	17	0
84	HPCL RAJASTHAN REFINERY LTD.	1753000	7257	0
85	HSCC (INDIA) LTD.	13563	10693	107
86	I T I LTD.	116394	67564	2
87	IIFCL ASSET MANAGEMENT COMPANY LTD.	104	37	0
88	INDIA INFRASTRUCTURE FINANCE CO. LTD.	210	37	13
89	INDIA TRADE PROMOTION ORGANISATION	199	139	10
90	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	14730	3736	747
91	INDIAN OIL CORPORATION LTD.	1802813	674871	19484
92	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	6293	1936	2
93	INDIAN RAILWAY FINANCE CORPORATION LTD.	1278	451	0
94	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	2089	1774	0
95	INSTRUMENTATION LTD.	2901	1740	70
96	IRCON INFRASTRUCTURE & SERVICES LTD.	159	41	0
97	IRCON INTERNATIONAL LTD.	27085	18124	69
98	IREL (INDIA) LTD.	38491	17708	398
99	KANTI BIJLEE UTPADAN NIGAM LTD.	23578	7537	0
100	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	24616	4832	140
101	KIOCL LTD.	32776	11119	53
102	KONKAN LNG LIMITED	6115	2930	3
103	KONKAN RAILWAY CORPORATION LTD.	4330	3581	69
104	LANCOTEESTA HYDRO POWER LTD	363	341	0
105	M S T C LTD.	963	184	12
106	MADRAS FERTILIZERS LTD.	5584	1554	4
107	MAHANADI COALFIELDS LTD.	113947	32086	524
108	MAHANAGAR TELEPHONE NIGAM LTD.	10346	8240	0
109	MANGALORE REFINERY & PETROCHEMICALS LTD.	145889	42956	1047
110	MAZAGON DOCK SHIPBUILDERS LTD.	71557	17907	1

(Cont.)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procuremet from MSEs owned by SC/ST entrepreneurs
111	MECON LTD.	156332	102656	232
112	MINERAL EXPLORATION CORPN. LTD.	2198	1026	127
113	MISHRA DHATU NIGAM LTD.	23193	8713	111
114	MOIL LTD.	23222	14304	1091
115	MUMBAI RAILWAY VIKAS CORPORATION LTD.	619	593	0
116	MUNITIONS INDIA LTD.	137500	24500	1000
117	NABINAGAR POWER GENERATING COMPANY LTD.	11676	5000	0
118	NAINI AEROSPACE LTD.	22	9	0
119	NATIONAL ALUMINIUM COMPANY LTD.	228637	71380	594
120	NATIONAL BACKWARD CLASSES FINANCE & DEVP. CO.	95	49	0
121	NATIONAL FERTILIZERS LTD.	66149	36251	253
122	NATIONAL FILM DEV. CORPN. LTD.	7800	3348	0
123	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	96	64	37
124	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	79618	30114	0
125	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	5416	925	0
126	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	107	60	7
127	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	77	12	0
128	NATIONAL RESEARCH DEVELOPMENT CORPN.	43	40	5
129	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	95	57	1
130	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	117	84	6
131	NATIONAL SEEDS CORPN. LTD.	6763	3534	4
132	NATIONAL SMALL INDUSTRIES CORPN. LTD.	3467	2344	127
133	NATIONAL TEXTILE CORPN. LTD.	537	454	1
134	NBCC (INDIA) LTD.	143	82	3
135	NBCC SERVICES LTD.	39	13	0
136	NEWSPACE INDIA LTD.	270	158	0
137	NEYVELI UTTAR PRADESH POWER LTD	5281	2066	9
138	NHDC LTD.	3030	2362	3
139	NHPC LTD.	116994	23318	1606
140	NLC INDIA LTD.	62103	20284	103
141	NLC TAMIL NADU POWER LTD.	11170	3057	84
142	NMDC Ltd.	27698	12373	1357
143	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	180	92	45
144	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	16135	4808	1554

(Cont.)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procuremet from MSEs owned by SC/ST entrepreneurs
145	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	1352	10	0
146	NORTHERN COALFIELDS LTD.	118112	21178	96
147	NTPC LTD.	649856	279124	2092
148	NTPC VIDYUT VYAPAR NIGAM LTD.	94	31	0
149	NUCLEAR POWER CORPN. OF INDIA LTD.	271987	161271	781
150	NUMALIGARH REFINERY LTD.	66759	37451	1076
151	OIL & NATURAL GAS CORPORATION LTD.	817026	300584	3752
152	OIL INDIA LTD.	516508	140487	5493
153	ONGC VIDESH LTD.	3109	2109	0
154	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	106	4	0
155	PATRATU VIDYUT UTPADAN NIGAM LTD.	445	191	2
156	POWER FINANCE CORPORATION LTD.	17667	6812	2
157	POWER GRID CORPORATION OF INDIA LTD.	223768	114288	1694
158	POWER SYSTEM OPERATION CORPORATION LTD.	3636	2749	57
159	PRIZE PETROLEUM COMPANY LTD.	3	3	0
160	PROJECTS & DEVELOPMENT INDIA LTD.	2180	1807	0
161	RAIL VIKAS NIGAM LTD.	2672	1446	39
162	RAILTEL CORPORATION INDIA LTD.	100179	61765	279
163	RAILTEL ENTERPRISES LTD.	1330	1242	0
164	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	94	42	0
165	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	10173	3080	0
166	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	1189964	31610	499
167	RASHTRIYA ISPAT NIGAM LTD.	324607	93920	517
168	RATLE HYDROELECTRIC POWER CORPORATION LTD.	308	219	114
169	REC LTD.	5738	2100	68
170	REC POWER DEVELOPMENT & CONSULTANCY LTD.	37	17	1
171	RITES LTD.	8746	6794	10
172	SAMBHAR SALTS LTD.	1079	449	4
173	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	42775	19041	543
174	SHIPPING CORPORATION OF INDIA LTD.	35531	17152	0
175	SIDCUL CONCOR INFRA COMPANY LTD.	510	63	0
176	SJVN LTD.	16869	8598	170
177	SJVN THERMAL PVT. LTD.	266	145	0
178	SOLAR ENERGY CORPORATION OF INDIA	1173	672	10
179	SOUTH EASTERN COALFIELDS LTD.	230112	80439	611
180	STATE TRADING CORPN. OF INDIA LTD.	467	204	0
181	STEEL AUTHORITY OF INDIA LTD.	1406943	223400	1229
182	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	78064	21021	0
183	THDC INDIA LTD.	3279	2177	0

(Cont.)

S. No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procuremet from MSEs owned by SC/ST entrepreneurs
184	THE COTTON CORPN. OF INDIA LTD.	2468	1921	26
185	THE JUTE CORPN. OF INDIA LTD.	390	239	40
186	TROOP COMFORTS LTD.	14888	75860	0
187	UDUPI COCHIN SHIPYARDS LTD.	829	425	0
188	URANIUM CORPORATION OF INDIA LTD.	29063	13451	397
189	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	219	164	0
190	WAPCOS LTD.	4963	1402	0
191	WESTERN COALFIELDS LTD.	45582	28192	107
	GRAND TOTAL :	**22697117**	**5359441**	**115060**

Statement J

Contribution to Central Exchequer during FY 2021-22

PAYMENT TO CENTRAL EXCHEQUER (₹ in Lakhs)

Sr. No.	CPSEs	2021-22	2020-21	2019-20
1	BIHAR DRUGS AND ORGANIC CHEMICALS LTD	0	0	0
2	BRITISH INDIA CORPORATION LTD.	0	0	0
3	IDPL (TAMILNADU) LTD.	0	0	0
4	INDIAN VACCINE CORP. LTD.	0	0	0
5	J & K MINERAL DEVELOPMENT CORPN. LTD.	3	30	18
6	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD	0	0	0
7	MANIPUR STATE DRUGS & PHAREMACEUTICALS LTD	0	0	0
8	NAGALAND PULP & PAPER COMPANY LTD.	0	0	0
9	NTPC ELECTRIC SUPPLY COMPANY LTD.	178	0	0
10	P E C LTD.	0	1327	1327
11	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	0
12	STATE TRADING CORPN. OF INDIA LTD.	1476	1378	30357
13	THE FERTILIZER CORPN. OF INDIA LTD.	253	248	1163
14	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0
15	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	0	2754	4615
16	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	21152	0	0
17	AGRINNOVATE INDIA LTD.	150	160	0
18	AI AIRPORT SERVICES LTD.	0	0	0
19	AI ENGINEERING SERVICES LTD.	12750	1257	10793
20	AIR INDIA ASSETS HOLDING LTD	1	2912	0
21	AIRPORTS AUTHORITY OF INDIA	135980	85186	433015
22	ALLIANCE AIR AVIATION LTD.	1264	807	1936
23	ANDREW YULE & COMPANY LTD.	992	930	785
24	ANTRIX CORPORATION LTD.	15412	72169	128436
25	APOLLO DESIGN APPAREL PARKS LTD.	95	38	0
26	ARMOURED VEHICLES NIGAM LIMITED	6642	0	0
27	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	439	290	644
28	AURANGABAD TEXTILES & APPAREL PARKS LTD.	0	0	0
29	BALMER LAWRIE & CO. LTD.	10089	11170	15521
30	BALMER LAWRIE INVESTMENTS LTD.	5153	5117	4727
31	BEL OPTRONICS DEVICES LTD.	175	137	307
32	BEL-THALES SYSTEMS LTD.	3	202	427
33	BEML LTD.	53999	27242	25173
34	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	514	1416	458
35	BHARAT BROADBAND NETWORK LTD.	10275	10190	0
36	BHARAT COKING COAL LTD.	166645	107518	141038
37	BHARAT DYNAMICS LTD.	47451	24311	53955
38	BHARAT ELECTRONICS LTD.	254890	263519	245503
39	BHARAT GAS RESOURCES LTD,	295	3	0

(Cont.)

Sr. No.	CPSEs	2021-22	2020-21	2019-20
40	BHARAT HEAVY ELECTRICALS LTD.	247936	240775	336488
41	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	392	367	636
42	BHARAT OMAN REFINERIES LIMITED,	2013416	1892666	0
43	BHARAT PETRO RESOURCES LTD.	28	71	90
44	BHARAT PETROLEUM CORPN. LTD.	8661263	7878392	5164737
45	BHARAT SANCHAR NIGAM LTD.	105563	0	238285
46	BHARTIYA RAIL BIJLEE CO. LTD.	14386	1032	0
47	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	0	0	0
48	BPCL-KIAL FUEL FARM PVT. LTD.	0	0	51
49	BRAHAMPUTRA CRACKERS & POLYMER LTD.	60764	45744	7882
50	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	0	0	126
51	BRAITHWAITE & CO. LTD.	6769	5303	4224
52	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	514	1701	1906
53	BRIDGE & ROOF CO.(INDIA) LTD.	9038	8684	12725
54	BROADCAST ENGG. CONSULTANTS INDIA LTD.	5518	3351	2005
55	CEMENT CORPN. OF INDIA LTD.	7020	7958	4711
56	CENTRAL COALFIELDS LTD.	357565	338561	367021
57	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	32	6	117
58	CENTRAL ELECTRONICS LTD.	2204	1283	737
59	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	13947	15185	9702
60	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1011	580	832
61	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	3366	2704	4556
62	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	124	0	0
63	CENTRAL WAREHOUSING CORPN.	9963	27895	15727
64	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	612	621	799
65	CHANDIGARH INTERNATIONAL AIRPORT LTD.	601	276	1201
66	CHENNAI PETROLEUM CORPORATION LTD.	1812411	1971978	1203033
67	CHHATTISGARH EAST RAILWAYS LTD.	0	0	0
68	COAL INDIA LTD.	626974	513254	500231
69	COCHIN SHIPYARD LTD.	45601	42446	48393
70	CONCOR AIR LTD.	438	293	908
71	CONTAINER CORPORATION OF INDIA LTD.	105018	83662	115376
72	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	58101	57424	29003
73	DELHI POLICE HOUSING CORPORATION LTD.	0	0	0
74	E. C. G. C. LTD.	58158	14801	23689
75	EASTERN COALFIELDS LTD.	165919	186899	226432
76	EASTERN INVESTMENT LTD.	0	2	2
77	EdCIL(India) Ltd.	3920	2940	1953
78	ELECTRONICS CORPN. OF INDIA LTD.	16632	12219	15057
79	ENGINEERING PROJECTS (INDIA) LTD.	1444	394	132
80	ENGINEERS INDIA LTD.	31595	51881	58395

(Cont.)

Sr. No.	CPSEs	2021-22	2020-21	2019-20
81	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1959	2098	2352
82	FERRO SCRAP NIGAM LTD.	3704	3460	3379
83	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1179	14313	14313
84	FOOD CORPN. OF INDIA	0	2188780	1654795
85	FRESH & HEALTHY ENTERPRISES LTD.	48	36	16
86	GAIL (INDIA) LTD.	866503	522016	614517
87	GAIL GAS LTD.	16263	21605	49323
88	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	9645	7228	14865
89	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	13	27	21
90	GOA SHIPYARD LTD.	6659	7695	13269
91	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	72	29	0
92	HEAVY ENGINEERING CORPN. LTD.	325	292	1859
93	HIL (INDIA) LTD.	1873	1419	618
94	HINDUSTAN AERONAUTICS LTD.	380877	332337	518247
95	HINDUSTAN ANTIBIOTICS LTD.	245	853	2550
96	HINDUSTAN COPPER LTD.	30810	5030	15340
97	HINDUSTAN FERTILIZER CORPN. LTD.	139	204	228
98	HINDUSTAN ORGANIC CHEMICALS LTD.	1421	3261	503
99	HINDUSTAN PETROLEUM CORPN. LTD.	3205838	5118309	3349943
100	HINDUSTAN PREFAB LTD.	281	521	289
101	HINDUSTAN SALTS LTD.	386	115	120
102	HINDUSTAN SHIPYARD LTD.	4617	4998	4322
103	HINDUSTAN STEELWORKS COSTN. LTD.	2098	2151	3818
104	HLL BIOTECH LTD.	13218	0	0
105	HLL INFRA TECH SERVICES LTD.	5100	5297	2188
106	HLL LIFECARE LTD.	27796	16334	5191
107	HMT (INTERNATIONAL) LTD.	0	0	0
108	HMT LTD.	408	392	3132
109	HMT MACHINE TOOLS LTD.	1293	1007	1228
110	HOOGLY COCHIN SHIPYARD LTD.	249	471	60
111	HOTEL CORPN. OF INDIA LTD.	163	109	425
112	HOUSING & URBAN DEV. CORPN. LTD.	79712	98317	65230
113	HPCL BIOFUELS LTD.	249	261	100
114	HSCC (INDIA) LTD.	805	1676	2757
115	HSRC INFRA SERVICES LTD.	0	0	0
116	I T I LTD.	13133	2723	3567
117	IIFCL ASSET MANAGEMENT COMPANY LTD.	111	113	231
118	IIFCL PROJECTS LTD.	0	0	0
119	INDIA INFRASTRUCTURE FINANCE CO. LTD.	12946	22569	21336
120	INDIA TOURISM DEV. CORPN. LTD.	2752	2504	4477
121	INDIA TRADE PROMOTION ORGANISATION	0	0	0
122	INDIA UNITED TEXTILE MILLS LTD.	0	356	0
123	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	541	353	173

(Cont.)

Sr. No.	CPSEs	2021-22	2020-21	2019-20
124	INDIAN OIL CORPORATION LTD.	15718086	15382718	9610437
125	INDIAN PORTS GLOBAL LTD	4	3	3
126	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	63805	19070	64185
127	INDIAN RAILWAY FINANCE CORPORATION LTD.	386852	175596	225253
128	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	48739	30177	42151
129	INLAND & COASTAL SHIPPING LTD.	0	0	0
130	INSTRUMENTATION LTD.	1016	1606	346
131	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	0	0	0
132	IRCON BHOJ MORBE EXPRESSWAY LTD.	0	0	0
133	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	119	429	762
134	IRCON GURGAON REWARI HIGHWAY SERVICES	16	0	0
135	IRCON HARIDWAR BYPASS LIMITED	0	0	0
136	IRCON INFRASTRUCTURE & SERVICES LTD.	1010	959	1775
137	IRCON INTERNATIONAL LTD.	55925	30049	46825
138	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	0	0	0
139	IRCON PB TOLLWAY LTD.	126	95	525
140	IRCON SHIVPURI GUNA TOLLWAY LTD.	723	534	811
141	IRCON VADODARA KIM EXPRESSWAY LTD.	512	1050	0
142	IREL (INDIA) LTD.	42195	24342	27394
143	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	112	236	245
144	KANTI BIJLEE UTPADAN NIGAM LTD.	256	3243	3291
145	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	8235	6898	6453
146	KARNATAKA TRADE PROMOTION ORGANISATION	1	1	439
147	KIOCL LTD.	16797	14798	8462
148	KONKAN LNG LIMITED	4001	3053	972
149	KONKAN RAILWAY CORPORATION LTD.	2164	2135	10279
150	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	144	249	274
151	M M T C LTD.	46074	144110	108194
152	M S T C LTD.	47159	7372	7320
153	MADRAS FERTILIZERS LTD.	112	1339	400
154	MAHANADI COALFIELDS LTD.	1006377	826602	1096487
155	MAHANAGAR TELEPHONE NIGAM LTD.	13251	11921	16454
156	MANGALORE REFINERY & PETROCHEMICALS LTD.	1808763	1976666	1049337
157	MAZAGON DOCK SHIPBUILDERS LTD.	100080	64755	29313
158	MECON LTD.	5713	4343	5588
159	MILLENNIUM TELECOM LTD.	1	1	13
160	MINERAL EXPLORATION CORPN. LTD.	3683	12057	13945
161	MISHRA DHATU NIGAM LTD.	22094	10024	9383
162	MOIL LTD.	52826	16296	26582
163	MUMBAI RAILWAY VIKAS CORPORATION LTD.	329	190	298
164	MUNITIONS INDIA LTD.	0	0	0
165	NABINAGAR POWER GENERATING COMPANY LTD.	500	685	2541

(Cont.)

Sr. No.	CPSEs	2021-22	2020-21	2019-20
166	NAINI AEROSPACE LTD.	92	97	8
167	NATIONAL ALUMINIUM COMPANY LTD.	246351	95606	138350
168	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	12	0	0
169	NATIONAL FERTILIZERS LTD.	72098	48323	49148
170	NATIONAL FILM DEV. CORPN. LTD.	798	667	1390
171	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	0	0	0
172	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	849	473	325
173	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	10709	7607	5257
174	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	2618	291	350
175	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	0	0	0
176	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	0	0
177	NATIONAL RESEARCH DEVELOPMENT CORPN.	162	133	101
178	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	0	0	0
179	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	61	48	35
180	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	1	1
181	NATIONAL SEEDS CORPN. LTD.	800	2100	3063
182	NATIONAL SMALL INDUSTRIES CORPN. LTD.	3738	2640	2584
183	NATIONAL TEXTILE CORPN. LTD.	0	0	0
184	NBCC (INDIA) LTD.	6324	3001	11245
185	NBCC SERVICES LTD.	134	161	291
186	NEPA LTD.	3195	2543	1110
187	NEWSPACE INDIA LTD.	28566	28103	0
188	NHDC LTD.	39879	47666	89198
189	NHPC LTD.	242990	219365	290853
190	NLC INDIA LTD.	140723	33791	178377
191	NLC TAMIL NADU POWER LTD.	7191	11358	19040
192	NMDC CSR FOUNDATION	4	12	20
193	NMDC Ltd.	889525	489207	530038
194	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	0	0	0
195	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	9418	1869	14641
196	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0
197	NORTHERN COALFIELDS LTD.	775648	658362	981180
198	NSIC VENTURE CAPITAL FUND LTD.	36	1	0
199	NTPC LTD.	654978	752795	678035
200	NTPC VIDYUT VYAPAR NIGAM LTD.	3808	2718	2761
201	NUCLEAR POWER CORPN. OF INDIA LTD.	506099	379656	360414
202	NUMALIGARH REFINERY LTD.	552534	604495	308590
203	OIL & NATURAL GAS CORPORATION LTD.	1683164	644781	1364428
204	OIL INDIA LTD.	394026	199483	376651
205	ONGC VIDESH LTD.	1870	15037	12320

(Cont.)

Sr. No.	CPSEs	2021-22	2020-21	2019-20
206	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	182	190
207	PAWAN HANS LTD.	0	0	0
208	PFC CONSULTING LTD.	1707	1434	3916
209	PONDICHERRY ASHOK HOTEL CORPN. LTD.	12	11	15
210	POWER GRID MITHILANCHAL TRANSMISSION LTD.	1	0	0
211	POWER FINANCE CORPORATION LTD.	237300	274705	187889
212	POWER GRID AJMER PHAGI TRANSMISSION LTD.	28	482	117
213	POWER GRID CORPORATION OF INDIA LTD.	885969	671369	615268
214	POWER GRID FATEGARH TRANSMISSION LTD	97	864	100
215	POWER GRID KHETRI TRANSMISSION LTD.	247	499	153
216	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	39	355	838
217	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	10	69	217
218	POWER GRID VARANASI TRANSMISSION LTD.	0	63	135
219	POWER SYSTEM OPERATION CORPORATION LTD.	3177	2541	4229
220	POWERGRID HIMACHAL TRANSMISSION LTD.	1894	1165	0
221	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	2	10	0
222	POWERGRID NM TRANMISSION LTD.	1	7	33
223	POWERGRID UNCHAHAR TRANSMISSION LTD.	504	201	417
224	PRIZE PETROLEUM COMPANY LTD.	1	2	51
225	PROJECTS & DEVELOPMENT INDIA LTD.	1151	1592	1767
226	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0
227	RAIL VIKAS NIGAM LTD.	80221	95266	60808
228	RAILTEL CORPORATION INDIA LTD.	33688	29950	16169
229	RAILTEL ENTERPRISES LTD.	280	649	476
230	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	2538	1800	2693
231	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	662	583	864
232	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	87691	57462	20062
233	RASHTRIYA ISPAT NIGAM LTD.	300569	188805	211953
234	RATNAGIRI GAS & POWER PVT. LTD.	695	0	0
235	REC LTD.	322929	272131	221412
236	REC POWER DEVELOPMENT & CONSULTANCY LTD.	1600	674	2255
237	RICHARDSON & CRUDDAS(1972) LTD.	0	0	0
238	RITES LTD.	59981	56412	61198
239	SAGARMALA DEVELOPMENT COMPANY LTD.	242	34	277
240	SAIL REFRACTORY COMPANY LTD.	4533	3201	3732
241	SAMBHAR SALTS LTD.	39	14	12
242	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	71431	59249	60733
243	SHIPPING CORPORATION OF INDIA LTD.	14500	11352	21379
244	SIDCUL CONCOR INFRA COMPANY LTD.	47	48	62
245	SJVN LTD.	72681	83817	119838
246	SOLAR ENERGY CORPORATION OF INDIA	16880	8144	11806
247	SOUTH EASTERN COALFIELDS LTD.	852555	1022278	1087092

(Cont.)

Sr. No.	CPSEs	2021-22	2020-21	2019-20
248	STEEL AUTHORITY OF INDIA LTD.	1650962	951381	885230
249	TAMIL NADU TRADE PROMOTION ORGANISATION	108	73	368
250	TCIL BINA TOLL ROAD LTD.	0	0	0
251	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	0
252	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	7265	5956	3297
253	THDC INDIA LTD.	19540	25165	30902
254	THE BISRA STONE LIME COMPANY LTD.	301	196	72
255	THE COTTON CORPN. OF INDIA LTD.	14650	97925	59271
256	THE JUTE CORPN. OF INDIA LTD.	1056	1125	808
257	TROOP COMFORTS LIMITED	180	0	0
258	UDUPI COCHIN SHIPYARDS LTD.	2	18	0
259	URANIUM CORPORATION OF INDIA LTD.	35207	34008	18490
260	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	0	0	0
261	WAPCOS LTD.	4340	2276	884
262	WESTERN COALFIELDS LTD.	280169	212668	226741
263	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	0	0	0
264	BHARAT PUMPS & COMPRESSORS LTD.	0	0	600
265	BHARAT WAGON & ENGG. CO. LTD.	0	0	0
266	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	0
267	BIRDS JUTE & EXPORTS LTD.	0	0	0
268	BURN STANDARD COMPANY LTD.	0	0	0
269	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0
270	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	0
271	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	222
272	HINDUSTAN CABLES LTD.	0	0	46
273	HINDUSTAN FLUOROCARBONS LIMITED	0	0	391
274	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	0
275	HMT BEARINGS LTD.	0	0	0
276	HMT WATCHES LTD.	0	0	0
277	HOOGHLY DOCK AND PORT ENGINEERS LTD.	0	0	61
278	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0
279	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0
280	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	0
281	NBCC INTERNATIONAL LTD.	0	0	0
282	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0
283	SCOOTERS INDIA LTD.	0	0	868
284	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0	0
285	STCL LTD.	0	0	0
286	TANDA TRANSMISSION COMPANY LTD.	0	0	0
287	TATIYA ANDHRA MEGA POWER LTD.	0	0	0
288	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0
289	VIGNYAN INDUSTRIES LTD.	0	132	132
290	ANANTHPURAM KURNOOL TRANSMISSION LTD.	0	0	0

(Cont.)

Sr. No.	CPSEs	2021-22	2020-21	2019-20
291	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	0
292	BHADLASIKAR TRANSMISSION LTD.	0	0	0
293	BHARAT PETRO RESOURCES JPDA	0	1	1
294	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	3274	2487	2509
295	BIDAR TRANSMISSION LTD.	0	1	0
296	BIHAR INFRAPOWER LTD.	0	0	0
297	BIHAR MEGA POWER LTD.	0	0	0
298	BSNL TOWER CORPORATION	0	0	0
299	BUNDELKHAND SAUR URJA LTD.	0	0	0
300	CHANDIL TRANSMISSION LTD.	0	0	3
301	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	3450	0	0
302	CHEYYUR INFRA LTD.	0	0	0
303	CHHATARPUR TRANSMISSION LIMITED	0	0	0
304	CHHATTISGARH COPPER LTD	1	0	0
305	CHHATTISGARH EAST-WEST RAILWAYS LTD.	0	0	0
306	CHHATTISGARH MEGA STEEL CO. LTD.	0	0	0
307	CHHATTISHGARH SURGUJA POWER LTD.	0	0	0
308	COASTAL KARNATAKA POWER LTD.	0	0	0
309	COASTAL TAMIL NADU POWER LTD.	0	0	0
310	DEOGHAR AIRPORT LTD	0	0	0
311	DEOGHAR INFRA LTD.	0	0	0
312	DEOGHAR MEGA POWER LTD.	0	0	0
313	DHALBHUMGARH AIRPORT LTD	0	0	0
314	DHOLERA INTERNATIONAL AIRPORT	113	162	1
315	DUMKA TRANSMISSION LTD.	0	0	3
316	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	0	0	0
317	ER NER TRANSMISSION LIMITED	0	0	0
318	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	0	0	0
319	GLIDERS INDIA LIMITED	0	0	0
320	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0
321	HLL MEDIPARK LTD	0	0	0
322	HPCL LNG LTD.	0	0	0
323	HPCL RAJASTHAN REFINERY LTD.	1831	1481	11072
324	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	169	84	1079
325	INDIA OPTEL LIMITED	0	0	0
326	INDO RUSSIAN HELICOPTERS LTD.	0	0	0
327	IRCON RENEWABLE POWER LTD.	0	0	0
328	IREL IDCOL LTD.	0	0	0
329	ITPO SERVICES LTD.	0	0	0
330	JAGDISHPUR PAPER MILLS LTD.	0	0	0
331	JALPOWER CORPORATION LTD.	167	0	0
332	JHARKHAND CENTRAL RAILWAY LTD.	101	0	0
333	JHARKHAND INFRAPOWER LTD.	0	0	0

(Cont.)

Sr. No.	CPSEs	2021-22	2020-21	2019-20
334	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	0
335	KARMYOGI BHARAT	0	0	0
336	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	0
337	KHETRI-NARELA TRANSMISSION LTD.	0	0	0
338	KISHTWAR TRANSMISSION LIMITED	0	0	0
339	KODERMA TRANSMISSION LTD.	0	0	2
340	KOLKATA METRO RAIL CORPORATION LTD.	5766	18383	989
341	LANCOTEESTA HYDRO POWER LTD	525	189	0
342	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	0	0	8
343	LUDHIANA INTERNATIONAL AIRPORT LTD.	0	0	0
344	MAHANADI BASIN POWER LTD.	0	0	0
345	MAHANADI COAL RAILWAY LTD.	0	0	0
346	MAMC INDUSTRIES LTD.	0	0	0
347	MANDAR TRANSMISSION LTD.	0	0	2
348	MJSJ COAL LTD.	0	0	0
349	MNH SHAKTI LTD.	29	43	145
350	MOHANLALGANJ TRANSMISSION LIMITED	0	0	0
351	MP POWER TRANSMISSION PACKAGE-I LTD.	0	0	0
352	NEW CITY OF BOMBAY MFG. MILLS LTD.	0	0	0
353	NEYVELI UTTAR PRADESH POWER LTD	1012	1448	6438
354	NMDC STEEL LTD.	0	0	0
355	NMDC-CMDC LTD.	0	3	11
356	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	2	2	2
357	NTPC EDMC WASTE SOLUTIONS	0	0	0
358	NTPC MINING LTD	0	0	0
359	NTPC RENEWABLE ENERGY LTD.	1103	0	0
360	ODISHA INFRAPOWER LTD.	0	0	0
361	ORISSA INTEGRATED POWER LTD.	0	0	0
362	PATRATU VIDYUT UTPADAN NIGAM LTD.	5316	4856	2376
363	POWER ENERGY SERVICES LTD.	0	0	0
364	POWER GRID BHIND GUNA TRANSMISSION LTD.	444	224	42
365	POWER GRID BHUJ TRANSMISSION LTD	85	311	34
366	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD	526	131	5
367	POWER GRID RAMGARH TRANSMISSION LTD.	88	0	0
368	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	2	0	0
369	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	0
370	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.	351	0	0
371	POWERGRID BHADLA TRANSMISSION LTD.	243	0	0
372	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED	279	2	0
373	POWERGRID SIKAR TRANSMISSION LTD.	460	0	0
374	POWERGRID TELESERVICES LTD.	0	0	0

(Cont.)

Sr. No.	CPSEs	2021-22	2020-21	2019-20
375	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	0
376	RAJGARH TRANSMISSION LTD.	5	2	0
377	RATLE HYDROELECTRIC POWER CORPORATION LTD.	166	0	0
378	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	0
379	SJVN GREEN ENERGY LTD.	0	0	0
380	SJVN THERMAL PVT. LTD.	0	0	0
381	TUSCO LTD.	1	0	0
382	YANTRA INDIA LIMITED	0	0	0
383	YULE ELECTRICAL LTD.	0	0	0
384	YULE ENGINEERING COMPANY LTD.	0	0	0
385	HINDUSTAN PAPER CORPORATION LTD.	0	0	0
386	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0
387	NBCC ENGINEERING AND CONSULTANCY LTD.	0	0	42
388	OIL INDIA INTERNATIONAL LTD.	0	0	0
389	ORISSA DRUGS & CHEMICALS LTD.	0	0	0
	TOTAL	**50719342**	**49655063**	**37679986**

APPENDIX - I

CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT MINISTRIES/DEPARTMENTS AS ON 31.3.2022

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	2011
6	HINDUSTAN ORGANIC CHEMICALS LTD.	2011
MINISTRY OF CHEMICALS & FERTILIZERS		
D/O FERTILIZER		
7	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	2011
8	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2003
9	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1943
10	HINDUSTAN FERTILIZER CORPN. LTD.	2011
11	MADRAS FERTILIZERS LTD.	1966
12	NATIONAL FERTILIZERS LTD.	2011
13	PROJECTS & DEVELOPMENT INDIA LTD.	2011
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
27	AI AIRPORT SERVICES LTD.	2003

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
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	2019
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.	1975
41	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1975
42	CHHATTISGARH EAST RAILWAYS LTD.	2013
43	CHHATTISGARH EAST-WEST RAILWAYS LTD.	2013
44	COAL INDIA LTD.	1975
45	EASTERN COALFIELDS LTD.	1975
46	JHARKHAND CENTRAL RAILWAY LTD.	2015
47	MAHANADI BASIN POWER LTD.	2011
48	MAHANADI COAL RAILWAY LTD.	2015
49	MAHANADI COALFIELDS LTD.	1992
50	MJSJ COAL LTD.	2008
51	MNH SHAKTI LTD.	2008
52	NEYVELI UTTAR PRADESH POWER LTD	2012
53	NLC INDIA LTD.	1956
54	NLC TAMIL NADU POWER LTD.	2005
55	NORTHERN COALFIELDS LTD.	1985
56	SOUTH EASTERN COALFIELDS LTD.	1985
57	WESTERN COALFIELDS LTD.	1975
MINISTRY OF COMMERCE & INDUSTRY		
D/O COMMERCE		
58	E. C. G. C. LTD.	1957
59	INDIA TRADE PROMOTION ORGANISATION	2011
60	ITPO SERVICES LTD.	2020
61	KARNATAKA TRADE PROMOTION ORGANISATION	2000
62	M M T C LTD.	1963
63	P E C LTD. *	1971
64	STATE TRADING CORPN. OF INDIA LTD. *	1956
65	STCL LTD. NR	1982
66	TAMIL NADU TRADE PROMOTION ORGANISATION	2000

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
MINISTRY OF COMMERCE & INDUSTRY		
D/O PROMOTION OF INDUSTRY AND INTERNAL TRADE		
67	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	2017
68	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	2005
MINISTRY OF COMMUNICATION		
D/O TELECOMMUNICATIONS		
69	BHARAT BROADBAND NETWORK LTD.	2012
70	BHARAT SANCHAR NIGAM LTD.	2011
71	BSNL TOWER CORPORATION	2011
72	I T I LTD.	1950
73	MAHANAGAR TELEPHONE NIGAM LTD.	1986
74	MILLENNIUM TELECOM LTD.	2000
75	TCIL BINA TOLL ROAD LTD.	2012
76	TCIL LAKHNADONE TOLL ROAD LTD.	2013
77	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1978
MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION		
D/O FOOD & PUBLIC DISTRIBUTION		
78	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2007
79	CENTRAL WAREHOUSING CORPN.	1957
80	FOOD CORPN. OF INDIA	1965
MINISTRY OF DEFENCE		
D/O DEFENCE PRODUCTION		
81	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	2021
82	ARMOURED VEHICLES NIGAM LIMITED	2021
83	BEL OPTRONICS DEVICES LTD.	1990
84	BEL-THALES SYSTEMS LTD.	2014
85	BEML LTD.	1964
86	BHARAT DYNAMICS LTD.	1970
87	BHARAT ELECTRONICS LTD.	1954
88	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	1934
89	GLIDERS INDIA LIMITED	2021
90	GOA SHIPYARD LTD.	1967
91	HINDUSTAN AERONAUTICS LTD.	2011
92	HINDUSTAN SHIPYARD LTD.	1952
93	INDIA OPTEL LIMITED	2021
94	INDO RUSSIAN HELICOPTERS LTD.	2011
95	MAMC INDUSTRIES LTD.	2010
96	MAZAGON DOCK SHIPBUILDERS LTD.	1934
97	MISHRA DHATU NIGAM LTD.	1973
98	MUNITIONS INDIA LTD.	2021
99	NAINI AEROSPACE LTD.	2016
100	TROOP COMFORTS LIMITED	2021
101	VIGNYAN INDUSTRIES LTD. NR	1963

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
102	YANTRA INDIA LIMITED	2021
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION		
103	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	1977
104	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	1982
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY		
105	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	1995
MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE		
106	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD NR	1977
MINISTRY OF FINANCE		
D/O ECONOMIC AFFAIRS		
107	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	2006
MINISTRY OF FINANCE		
D/O FINANCIAL SERVICES		
108	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)	2011
109	IIFCL ASSET MANAGEMENT COMPANY LTD.	2012
110	IIFCL PROJECTS LTD.	2011
111	INDIA INFRASTRUCTURE FINANCE CO. LTD.	2006
MINISTRY OF HEALTH & FAMILY WELFARE		
DEPARTMENT OF HEALTH AND FAMILY WELFARE		
112	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1980
113	HLL BIOTECH LTD.	2012
114	HLL INFRA TECH SERVICES LTD.	2014
115	HLL LIFECARE LTD.	1966
116	HLL MEDIPARK LTD	2016
117	HLL MOTHER & CHILD CARE HOSPITALS LTD. NR	2017
MINISTRY OF HEAVY INDUSTRIES		
118	ANDREW YULE & COMPANY LTD.	1919
119	BHARAT HEAVY ELECTRICALS LTD.	1964
120	BHARAT PUMPS & COMPRESSORS LTD. NR	2011
121	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1986
122	BRIDGE & ROOF CO.(INDIA) LTD.	1920
123	CEMENT CORPN. OF INDIA LTD.	1965
124	ENGINEERING PROJECTS (INDIA) LTD.	1970
125	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	2016
126	HEAVY ENGINEERING CORPN. LTD.	1958
127	HINDUSTAN CABLES LTD. NR	1952
128	HINDUSTAN PAPER CORPORATION LTD. NR	2011
129	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD. NR	2011
130	HINDUSTAN SALTS LTD.	1958
131	HMT (INTERNATIONAL) LTD.	1974
132	HMT BEARINGS LTD. NR	1964
133	HMT LTD.	1953

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
134	HMT MACHINE TOOLS LTD.	1999
135	HMT WATCHES LTD. NR	1999
136	INSTRUMENTATION LTD.	1964
137	JAGDISHPUR PAPER MILLS LTD.	2008
138	NAGALAND PULP & PAPER COMPANY LTD. *	1971
139	NEPA LTD.	1947
140	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1981
141	RICHARDSON & CRUDDAS(1972) LTD.	1973
142	SAMBHAR SALTS LTD.	1964
143	SCOOTERS INDIA LTD. NR	2011
144	TUNGABHADRA STEEL PRODUCTS LTD. NR	1960
145	YULE ELECTRICAL LTD.	2007
146	YULE ENGINEERING COMPANY LTD.	2007
MINISTRY OF HOME AFFAIRS		
147	DELHI POLICE HOUSING CORPORATION LTD.	2011
MINISTRY OF HOUSING & URBAN AFFAIRS		
148	HEMISPHERE PROPERTIES INDIA LTD.	2005
149	HINDUSTAN PREFAB LTD.	1953
150	HINDUSTAN STEELWORKS COSTN. LTD.	1964
151	HOUSING & URBAN DEV. CORPN. LTD.	1970
152	HSCC (INDIA) LTD.	1983
153	NBCC (INDIA) LTD.	1960
154	NBCC ENGINEERING AND CONSULTANCY LTD. NR	2015
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.	2011
160	NATIONAL FILM DEV. CORPN. LTD.	1975
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES		
161	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1955
162	NSIC VENTURE CAPITAL FUND LTD.	2020
MINISTRY OF MINES		
163	CHHATTISGARH COPPER LTD	2011
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

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
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 GAS RESOURCES LTD,	2011
174	BHARAT OMAN REFINERIES LIMITED,	2011
175	BHARAT PETRO RESOURCES JPDA	2011
176	BHARAT PETRO RESOURCES LTD.	2011
177	BHARAT PETROLEUM CORPN. LTD.	2011
178	BPCL-KIAL FUEL FARM PVT. LTD.	2011
179	BRAHAMPUTRA CRACKERS & POLYMER LTD.	2011
180	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	2011
181	CHENNAI PETROLEUM CORPORATION LTD.	1965
182	ENGINEERS INDIA LTD.	2011
183	GAIL (INDIA) LTD.	2011
184	GAIL GAS LTD.	2011
185	HINDUSTAN PETROLEUM CORPN. LTD.	2011
186	HPCL BIOFUELS LTD.	2011
187	HPCL LNG LTD.	2011
188	HPCL RAJASTHAN REFINERY LTD.	2011
189	INDIAN OIL CORPORATION LTD.	2011
190	KONKAN LNG LIMITED	2011
191	MANGALORE REFINERY & PETROCHEMICALS LTD.	2011
192	NUMALIGARH REFINERY LTD.	1993
193	OIL & NATURAL GAS CORPORATION LTD.	2011
194	OIL INDIA INTERNATIONAL LTD. NR	2013
195	OIL INDIA LTD.	2011
196	ONGC VIDESH LTD.	2011
197	PRIZE PETROLEUM COMPANY LTD.	2011
198	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	2011
MINISTRY OF PORTS, SHIPPING & WATERWAYS		
199	CENTRAL INLAND WATER TRANSPORT CORPN. LTD. NR	1967
200	COCHIN SHIPYARD LTD.	1972
201	HOOGHLY DOCK AND PORT ENGINEERS LTD. NR	1984
202	HOOGLY COCHIN SHIPYARD LTD.	2017
203	INDIAN PORTS GLOBAL LTD	2020
204	INLAND & COASTAL SHIPPING LTD.	2011
205	SAGARMALA DEVELOPMENT COMPANY LTD.	2016

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
206	SHIPPING CORPORATION OF INDIA LTD.	2011
207	UDUPI COCHIN SHIPYARDS LTD.	2020
MINISTRY OF POWER		
208	ANANTHPURAM KURNOOL TRANSMISSION LTD.	2020
209	BHADLASIKAR TRANSMISSION LTD.	2020
210	BHARTIYA RAIL BIJLEE CO. LTD.	2007
211	BIDAR TRANSMISSION LTD.	2020
212	BIHAR INFRAPOWER LTD.	2015
213	BIHAR MEGA POWER LTD.	2015
214	BIJAWAR-VIDARBHA TRANSMISSION LTD NR	2017
215	BUNDELKHAND SAUR URJA LTD.	2015
216	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.	2020
217	CHANDIL TRANSMISSION LTD.	2018
218	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	2011
219	CHEYYUR INFRA LTD.	2014
220	CHHATARPUR TRANSMISSION LIMITED	2022
221	CHHATTISHGARH SURGUJA POWER LTD.	2006
222	COASTAL KARNATAKA POWER LTD.	2006
223	COASTAL MAHARASHTRA MEGA POWER LTD. NR	2006
224	COASTAL TAMIL NADU POWER LTD.	2007
225	DEOGHAR INFRA LTD.	2015
226	DEOGHAR MEGA POWER LTD.	2012
227	DUMKA TRANSMISSION LTD.	2018
228	ER NER TRANSMISSION LIMITED	2021
229	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	2008
230	JALPOWER CORPORATION LTD.	2004
231	JHARKHAND INFRAPOWER LTD.	2015
232	KANTI BIJLEE UTPADAN NIGAM LTD.	2006
233	KHETRI-NARELA TRANSMISSION LTD.	2020
234	KISHTWAR TRANSMISSION LIMITED	2021
235	KODERMA TRANSMISSION LTD.	2018
236	LANCOTEESTA HYDRO POWER LTD	2000
237	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	2009
238	MANDAR TRANSMISSION LTD.	2018
239	MOHANLALGANJ TRANSMISSION LIMITED	2021
240	MP POWER TRANSMISSION PACKAGE-I LTD.	2020
241	NABINAGAR POWER GENERATING COMPANY LTD.	2008
242	NHDC LTD.	2000
243	NHPC LTD.	1975
244	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1976
245	NTPC EDMC WASTE SOLUTIONS	2020
246	NTPC ELECTRIC SUPPLY COMPANY LTD. *	2002
247	NTPC LTD.	1975

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
248	NTPC MINING LTD	2019
249	NTPC RENEWABLE ENERGY LTD.	2020
250	NTPC VIDYUT VYAPAR NIGAM LTD.	2002
251	ODISHA INFRAPOWER LTD.	2014
252	ORISSA INTEGRATED POWER LTD.	2006
253	PATRATU VIDYUT UTPADAN NIGAM LTD.	2015
254	PFC CONSULTING LTD.	2008
255	POWER GRID MITHILANCHAL TRANSMISSION LTD.	2017
256	POWER ENERGY SERVICES LTD.	2022
257	POWER FINANCE CORPORATION LTD.	1986
258	POWER GRID AJMER PHAGI TRANSMISSION LTD.	2019
259	POWER GRID BHIND GUNA TRANSMISSION LTD.	2018
260	POWER GRID BHUJ TRANSMISSION LTD	2019
261	POWER GRID CORPORATION OF INDIA LTD.	1989
262	POWER GRID FATEGARH TRANSMISSION LTD	2019
263	POWER GRID KHETRI TRANSMISSION LTD.	2019
264	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.	2016
265	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD	2019
266	POWER GRID RAMGARH TRANSMISSION LTD.	2020
267	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	2019
268	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	2015
269	POWER GRID VARANASI TRANSMISSION LTD.	2017
270	POWER GRID VEMAGIRI TRANSMISSION LTD.	2011
271	POWER SYSTEM OPERATION CORPORATION LTD.	2009
272	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.	2020
273	POWERGRID BHADLA TRANSMISSION LTD.	2011
274	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED	2020
275	POWERGRID HIMACHAL TRANSMISSION LTD.	2006
276	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.	2018
277	POWERGRID NM TRANMISSION LTD.	2011
278	POWERGRID SIKAR TRANSMISSION LTD.	2011
279	POWERGRID TELESERVICES LTD.	2021
280	POWERGRID UNCHAHAR TRANSMISSION LTD.	2012
281	RAJGARH TRANSMISSION LTD.	2020
282	RATLE HYDROELECTRIC POWER CORPORATION LTD.	2021
283	RATNAGIRI GAS & POWER PVT. LTD.	2005
284	REC LTD.	1969
285	REC POWER DEVELOPMENT & CONSULTANCY LTD.	2007
286	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	2008
287	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD NR	2017
288	SJVN GREEN ENERGY LTD.	2022
289	SJVN LTD.	1988
290	SJVN THERMAL PVT. LTD.	2007

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S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
291	TANDA TRANSMISSION COMPANY LTD. NR	2013
292	TATIYA ANDHRA MEGA POWER LTD. NR	2009
293	THDC INDIA LTD.	1988
294	TUSCO LTD.	2020
MINISTRY OF RAILWAYS		
295	BHARAT WAGON & ENGG. CO. LTD. NR	1978
296	BRAITHWAITE & CO. LTD.	2011
297	BURN STANDARD COMPANY LTD. NR	2011
298	CONCOR AIR LTD.	2011
299	CONTAINER CORPORATION OF INDIA LTD.	2011
300	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	2011
301	FRESH & HEALTHY ENTERPRISES LTD.	2011
302	HSRC INFRA SERVICES LTD.	2012
303	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2011
304	INDIAN RAILWAY FINANCE CORPORATION LTD.	1986
305	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	2021
306	IRCON BHOJ MORBE EXPRESSWAY LTD.	2021
307	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	2017
308	IRCON GURGAON REWARI HIGHWAY SERVICES	2020
309	IRCON HARIDWAR BYPASS LIMITED	2022
310	IRCON INFRASTRUCTURE & SERVICES LTD.	2009
311	IRCON INTERNATIONAL LTD.	1976
312	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	2021
313	IRCON PB TOLLWAY LTD.	2014
314	IRCON RENEWABLE POWER LTD.	2022
315	IRCON SHIVPURI GUNA TOLLWAY LTD.	2015
316	IRCON VADODARA KIM EXPRESSWAY LTD.	2018
317	KOLKATA METRO RAIL CORPORATION LTD.	2011
318	KONKAN RAILWAY CORPORATION LTD.	2011
319	MUMBAI RAILWAY VIKAS CORPORATION LTD.	2011
320	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	2011
321	RAIL VIKAS NIGAM LTD.	2003
322	RAILTEL CORPORATION INDIA LTD.	2011
323	RAILTEL ENTERPRISES LTD.	2011
324	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	2011
325	RITES LTD.	2011
326	SIDCUL CONCOR INFRA COMPANY LTD.	2011
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS		
327	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	2014
MINISTRY OF SCIENCE & TECHNOLOGY		
DEPT. OF BIOTECHNOLOGY		
328	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	2011
329	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	2011

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S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
330	INDIAN VACCINE CORP. LTD. *	1989
MINISTRY OF SCIENCE & TECHNOLOGY		
DEPT.OF SCIENTIFIC & INDUSTRIAL RESEARCH		
331	CENTRAL ELECTRONICS LTD.	1974
332	NATIONAL RESEARCH DEVELOPMENT CORPN.	2011
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT		
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY		
333	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	1972
334	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	1997
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT		
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT		
335	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	1992
336	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	2011
337	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	2011
MINISTRY OF STEEL		
338	CHHATTISGARH MEGA STEEL CO. LTD.	2015
339	EASTERN INVESTMENT LTD.	1927
340	FERRO SCRAP NIGAM LTD.	1979
341	J & K MINERAL DEVELOPMENT CORPN. LTD. *	1989
342	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	2012
343	KARNATAKA VIJAY NAGAR STEEL LTD.	2014
344	KIOCL LTD.	1976
345	M S T C LTD.	1964
346	MECON LTD.	1973
347	MOIL LTD.	1962
348	NMDC CSR FOUNDATION	2018
349	NMDC Ltd.	1958
350	NMDC STEEL LTD.	2015
351	NMDC-CMDC LTD.	2008
352	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	1918
353	RASHTRIYA ISPAT NIGAM LTD.	1982
354	SAIL REFRACTORY COMPANY LTD.	2011
355	STEEL AUTHORITY OF INDIA LTD.	1973
356	THE BISRA STONE LIME COMPANY LTD.	1910
MINISTRY OF TEXTILES		
357	APOLLO DESIGN APPAREL PARKS LTD.	2007
358	AURANGABAD TEXTILES & APPAREL PARKS LTD.	2007
359	BIRDS JUTE & EXPORTS LTD. NR	1904
360	BRITISH INDIA CORPORATION LTD. *	1920
361	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2011
362	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	2007
363	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD. NR	1958
364	INDIA UNITED TEXTILE MILLS LTD.	2007

(Cont.)

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
365	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1983
366	NATIONAL JUTE MANUFACTURES CORPORATION LTD. NR	1980
367	NATIONAL TEXTILE CORPN. LTD.	1968
368	NEW CITY OF BOMBAY MFG. MILLS LTD.	2007
369	THE COTTON CORPN. OF INDIA LTD.	1970
370	THE JUTE CORPN. OF INDIA LTD.	1971
MINISTRY OF TOURISM		
371	INDIA TOURISM DEV. CORPN. LTD.	1966
372	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.	2001
373	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1986
374	PUNJAB ASHOK HOTEL COMPANY LTD.	1998
375	RANCHI ASHOK BIHAR HOTEL CORPN. LTD. *	1983
376	UTKAL ASHOK HOTEL CORPN. LTD. *	1983
MINISTRY OF TRIBAL AFFAIRS		
377	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2001
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION		
378	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	2011
379	WAPCOS LTD.	1969
DEPT. OF ATOMIC ENERGY		
380	ANUSHAKTI VIDHYUT NIGAM LTD.	2011
381	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	2003
382	ELECTRONICS CORPN. OF INDIA LTD.	1967
383	IREL (INDIA) LTD.	1950
384	IREL IDCOL LTD.	2018
385	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	2011
386	NUCLEAR POWER CORPN. OF INDIA LTD.	1987
387	URANIUM CORPORATION OF INDIA LTD.	1967
DEPT. OF SPACE		
388	ANTRIX CORPORATION LTD.	1992
389	NEWSPACE INDIA LTD.	2019

''- Non Operating - As per information furnised by Administrative Ministry/Department/CPSEs.*

NR - Not Running- Under Closure/ Under Liquidation

APPENDIX - II

CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT SECTORS/COGNATE GROUPS AS ON 31.3.2022

S. No.	Sector / Cognate Group / CPSE
	AGRICULTURE
	AGRO BASED INDUSTRIES
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD NR
2	HPCL BIOFUELS LTD.
3	NATIONAL SEEDS CORPN. LTD.
	MANUFACTURING,PROCESSING AND GENERATION
	CHEMICALS & PHARMACEUTICALS
4	BENGAL CHEMICALS & PHARMACEUTICALS LTD.
5	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
6	BIHAR DRUGS AND ORGANIC CHEMICALS LTD *
7	BRAHAMPUTRA CRACKERS & POLYMER LTD.
8	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
9	HIL (INDIA) LTD.
10	HINDUSTAN ANTIBIOTICS LTD.
11	HINDUSTAN FLUOROCARBONS LIMITED NR
12	HINDUSTAN ORGANIC CHEMICALS LTD.
13	HLL BIOTECH LTD.
14	IDPL (TAMILNADU) LTD. *
15	INDIAN DRUGS & PHARMACEUTICALS LTD. NR
16	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.
17	INDIAN VACCINE CORP. LTD. *
18	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.
19	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD *
20	MANIPUR STATE DRUGS & PHAREMACEUTICALS LTD *
21	ORISSA DRUGS & CHEMICALS LTD. NR
22	RAJASTHAN DRUGS & PHARMACEUTICALS LTD. NR
	FERTILIZERS
23	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.
24	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
25	HINDUSTAN FERTILIZER CORPN. LTD.
26	MADRAS FERTILIZERS LTD.
27	NATIONAL FERTILIZERS LTD.
28	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
29	THE FERTILIZER CORPN. OF INDIA LTD. *
	HEAVY & MEDIUM ENGINEERING
30	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED
31	ARMOURED VEHICLES NIGAM LIMITED
32	BALMER LAWRIE & CO. LTD.
33	BEL OPTRONICS DEVICES LTD.
34	BEL-THALES SYSTEMS LTD.

(Cont.)

S. No.	Sector / Cognate Group / CPSE
35	BHARAT DYNAMICS LTD.
36	BHARAT ELECTRONICS LTD.
37	BHARAT HEAVY ELECTRICALS LTD.
38	BHARAT PUMPS & COMPRESSORS LTD. NR
39	BHARAT WAGON & ENGG. CO. LTD. NR
40	BRAITHWAITE & CO. LTD.
41	BURN STANDARD COMPANY LTD. NR
42	CENTRAL ELECTRONICS LTD.
43	COCHIN SHIPYARD LTD.
44	ELECTRONICS CORPN. OF INDIA LTD.
45	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.
46	GOA SHIPYARD LTD.
47	HEAVY ENGINEERING CORPN. LTD.
48	HINDUSTAN AERONAUTICS LTD.
49	HINDUSTAN CABLES LTD. NR
50	HINDUSTAN SHIPYARD LTD.
51	HMT BEARINGS LTD. NR
52	HMT LTD.
53	HMT MACHINE TOOLS LTD.
54	HMT WATCHES LTD. NR
55	HOOGHLY DOCK AND PORT ENGINEERS LTD. NR
56	HOOGLY COCHIN SHIPYARD LTD.
57	I T I LTD.
58	INSTRUMENTATION LTD.
59	MAZAGON DOCK SHIPBUILDERS LTD.
60	MUNITIONS INDIA LTD.
61	NAINI AEROSPACE LTD.
62	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
63	RICHARDSON & CRUDDAS(1972) LTD.
64	SAIL REFRACTORY COMPANY LTD.
65	SCOOTERS INDIA LTD. NR
66	TROOP COMFORTS LIMITED
67	TUNGABHADRA STEEL PRODUCTS LTD. NR
68	UDUPI COCHIN SHIPYARDS LTD.
69	VIGNYAN INDUSTRIES LTD. NR
	INDUSTRIAL AND CONSUMER GOODS
70	ANDREW YULE & COMPANY LTD.
71	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA
72	CEMENT CORPN. OF INDIA LTD.
73	HINDUSTAN PAPER CORPORATION LTD. NR
74	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD. NR
75	HINDUSTAN SALTS LTD.
76	HLL LIFECARE LTD.
77	NAGALAND PULP & PAPER COMPANY LTD. *

(Cont.)

S. No.	Sector / Cognate Group / CPSE
78	NEPA LTD.
79	SAMBHAR SALTS LTD.
80	SECURITY PRINTING & MINTING CORPN. INDIA LTD.
	PETROLEUM (REFINERY & MARKETING)
81	BHARAT GAS RESOURCES LTD,
82	BHARAT OMAN REFINERIES LIMITED,
83	BHARAT PETROLEUM CORPN. LTD.
84	CHENNAI PETROLEUM CORPORATION LTD.
85	HINDUSTAN PETROLEUM CORPN. LTD.
86	INDIAN OIL CORPORATION LTD.
87	MANGALORE REFINERY & PETROCHEMICALS LTD.
88	NUMALIGARH REFINERY LTD.
	POWER GENERATION
89	BHARTIYA RAIL BIJLEE CO. LTD.
90	COASTAL MAHARASHTRA MEGA POWER LTD. NR
91	KANTI BIJLEE UTPADAN NIGAM LTD.
92	NABINAGAR POWER GENERATING COMPANY LTD.
93	NHDC LTD.
94	NHPC LTD.
95	NLC INDIA LTD.
96	NLC TAMIL NADU POWER LTD.
97	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
98	NTPC LTD.
99	NUCLEAR POWER CORPN. OF INDIA LTD.
100	RATNAGIRI GAS & POWER PVT. LTD.
101	SJVN LTD.
102	TATIYA ANDHRA MEGA POWER LTD. NR
103	THDC INDIA LTD.
	STEEL
104	FERRO SCRAP NIGAM LTD.
105	MISHRA DHATU NIGAM LTD.
106	RASHTRIYA ISPAT NIGAM LTD.
107	STEEL AUTHORITY OF INDIA LTD.
	TEXTILES
108	APOLLO DESIGN APPAREL PARKS LTD.
109	AURANGABAD TEXTILES & APPAREL PARKS LTD.
110	BIRDS JUTE & EXPORTS LTD. NR
111	BRITISH INDIA CORPORATION LTD. *
112	GOLDMOHUR DESIGN & APPAREL PARKS LTD.
113	INDIA UNITED TEXTILE MILLS LTD.
114	NATIONAL JUTE MANUFACTURES CORPORATION LTD. NR
115	NATIONAL TEXTILE CORPN. LTD.
	TRANSPORTATION VEHICLE & EQUIPMENT
116	BEML LTD.

(Cont.)

S. No.	Sector / Cognate Group / CPSE
	MINING AND EXPLORATION
	COAL
117	BHARAT COKING COAL LTD.
118	CENTRAL COALFIELDS LTD.
119	COAL INDIA LTD.
120	EASTERN COALFIELDS LTD.
121	MAHANADI COALFIELDS LTD.
122	NORTHERN COALFIELDS LTD.
123	SOUTH EASTERN COALFIELDS LTD.
124	WESTERN COALFIELDS LTD.
	CRUDE OIL
125	BHARAT PETRO RESOURCES LTD.
126	OIL & NATURAL GAS CORPORATION LTD.
127	OIL INDIA INTERNATIONAL LTD. NR
128	OIL INDIA LTD.
129	ONGC VIDESH LTD.
130	PRIZE PETROLEUM COMPANY LTD.
	OTHER MINERALS & METALS
131	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.
132	HINDUSTAN COPPER LTD.
133	IREL (INDIA) LTD.
134	J & K MINERAL DEVELOPMENT CORPN. LTD. *
135	KIOCL LTD.
136	MOIL LTD.
137	NATIONAL ALUMINIUM COMPANY LTD.
138	NMDC Ltd.
139	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
140	THE BISRA STONE LIME COMPANY LTD.
141	URANIUM CORPORATION OF INDIA LTD.
	SERVICES
	CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES
142	AGRINNOVATE INDIA LTD.
143	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
144	BRIDGE & ROOF CO.(INDIA) LTD.
145	BROADCAST ENGG. CONSULTANTS INDIA LTD.
146	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
147	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
148	CHHATTISGARH EAST RAILWAYS LTD.
149	DELHI POLICE HOUSING CORPORATION LTD.
150	EdCIL(India) Ltd.
151	ENGINEERING PROJECTS (INDIA) LTD.
152	ENGINEERS INDIA LTD.
153	HINDUSTAN PREFAB LTD.
154	HINDUSTAN STEELWORKS COSTN. LTD.

(Cont.)

S. No.	Sector / Cognate Group / CPSE
155	HLL INFRA TECH SERVICES LTD.
156	HLL MOTHER & CHILD CARE HOSPITALS LTD. NR
157	HSCC (INDIA) LTD.
158	HSRC INFRA SERVICES LTD.
159	IIFCL PROJECTS LTD.
160	INDIAN PORTS GLOBAL LTD
161	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.
162	IRCON BHOJ MORBE EXPRESSWAY LTD.
163	IRCON DAVANAGERE HAVERI HIGHWAY LTD.
164	IRCON GURGAON REWARI HIGHWAY SERVICES
165	IRCON HARIDWAR BYPASS LIMITED
166	IRCON INFRASTRUCTURE & SERVICES LTD.
167	IRCON INTERNATIONAL LTD.
168	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.
169	IRCON PB TOLLWAY LTD.
170	IRCON SHIVPURI GUNA TOLLWAY LTD.
171	IRCON VADODARA KIM EXPRESSWAY LTD.
172	KONKAN RAILWAY CORPORATION LTD.
173	MECON LTD.
174	MINERAL EXPLORATION CORPN. LTD.
175	MUMBAI RAILWAY VIKAS CORPORATION LTD.
176	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
177	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.
178	NATIONAL RESEARCH DEVELOPMENT CORPN.
179	NATIONAL SMALL INDUSTRIES CORPN. LTD.
180	NBCC (INDIA) LTD.
181	NBCC ENGINEERING AND CONSULTANCY LTD. NR
182	NBCC ENVIRONMENT ENGINEERING LTD. NR
183	NBCC INTERNATIONAL LTD. NR
184	NBCC SERVICES LTD.
185	PFC CONSULTING LTD.
186	PROJECTS & DEVELOPMENT INDIA LTD.
187	RAIL VIKAS NIGAM LTD.
188	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
189	RITES LTD.
190	SOLAR ENERGY CORPORATION OF INDIA
191	TCIL BINA TOLL ROAD LTD.
192	TCIL LAKHNADONE TOLL ROAD LTD.
193	WAPCOS LTD.
	FINANCIAL SERVICES
194	AIR INDIA ASSETS HOLDING LTD
195	BALMER LAWRIE INVESTMENTS LTD.
196	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL

(Cont.)

S. No.	Sector / Cognate Group / CPSE
197	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)
198	E. C. G. C. LTD.
199	EASTERN INVESTMENT LTD.
200	HOUSING & URBAN DEV. CORPN. LTD.
201	IIFCL ASSET MANAGEMENT COMPANY LTD.
202	INDIA INFRASTRUCTURE FINANCE CO. LTD.
203	INDIAN RAILWAY FINANCE CORPORATION LTD.
204	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.
205	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD
206	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.
207	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
208	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.
209	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
210	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
211	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
212	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
213	NMDC CSR FOUNDATION
214	NSIC VENTURE CAPITAL FUND LTD.
215	POWER FINANCE CORPORATION LTD.
216	REC LTD.
217	SAGARMALA DEVELOPMENT COMPANY LTD.
	HOTEL AND TOURIST SERVICES
218	HOTEL CORPN. OF INDIA LTD.
219	INDIA TOURISM DEV. CORPN. LTD.
220	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
221	PONDICHERRY ASHOK HOTEL CORPN. LTD.
222	RANCHI ASHOK BIHAR HOTEL CORPN. LTD. *
223	UTKAL ASHOK HOTEL CORPN. LTD. *
	POWER TRANSMISSION
224	BIJAWAR-VIDARBHA TRANSMISSION LTD NR
225	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.
226	NTPC ELECTRIC SUPPLY COMPANY LTD. *
227	POWER GRID MITHILANCHAL TRANSMISSION LTD.
228	POWER GRID AJMER PHAGI TRANSMISSION LTD.
229	POWER GRID CORPORATION OF INDIA LTD.
230	POWER GRID FATEGARH TRANSMISSION LTD
231	POWER GRID KHETRI TRANSMISSION LTD.
232	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.
233	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
234	POWER GRID VARANASI TRANSMISSION LTD.
235	POWER SYSTEM OPERATION CORPORATION LTD.
236	POWERGRID HIMACHAL TRANSMISSION LTD.
237	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.

(Cont.)

S. No.	Sector / Cognate Group / CPSE
238	POWERGRID NM TRANMISSION LTD.
239	POWERGRID UNCHAHAR TRANSMISSION LTD.
240	REC POWER DEVELOPMENT & CONSULTANCY LTD.
241	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD NR
242	TANDA TRANSMISSION COMPANY LTD. NR
	TELECOMMUNICATION & INFORMATION TECHNOLOGY
243	BHARAT BROADBAND NETWORK LTD.
244	BHARAT SANCHAR NIGAM LTD.
245	MAHANAGAR TELEPHONE NIGAM LTD.
246	MILLENNIUM TELECOM LTD.
247	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
248	RAILTEL CORPORATION INDIA LTD.
249	RAILTEL ENTERPRISES LTD.
250	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
	TRADING & MARKETING
251	ANTRIX CORPORATION LTD.
252	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.
253	FOOD CORPN. OF INDIA
254	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD. NR
255	HMT (INTERNATIONAL) LTD.
256	INDIA TRADE PROMOTION ORGANISATION
257	KARNATAKA TRADE PROMOTION ORGANISATION
258	M M T C LTD.
259	M S T C LTD.
260	NATIONAL FILM DEV. CORPN. LTD.
261	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.
262	NEWSPACE INDIA LTD.
263	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.
264	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.
265	NTPC VIDYUT VYAPAR NIGAM LTD.
266	P E C LTD. *
267	STATE TRADING CORPN. OF INDIA LTD. *
268	STCL LTD. NR
269	TAMIL NADU TRADE PROMOTION ORGANISATION
270	THE COTTON CORPN. OF INDIA LTD.
271	THE JUTE CORPN. OF INDIA LTD.
	TRANSPORT AND LOGISTIC SERVICES
272	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.
273	AI AIRPORT SERVICES LTD.
274	AI ENGINEERING SERVICES LTD.
275	AIRPORTS AUTHORITY OF INDIA
276	ALLIANCE AIR AVIATION LTD.
277	BPCL-KIAL FUEL FARM PVT. LTD.
278	CENTRAL INLAND WATER TRANSPORT CORPN. LTD. NR

(Cont.)

S. No.	Sector / Cognate Group / CPSE
279	CENTRAL RAILSIDE WAREHOUSE CO. LTD.
280	CENTRAL WAREHOUSING CORPN.
281	CHANDIGARH INTERNATIONAL AIRPORT LTD.
282	CONCOR AIR LTD.
283	CONTAINER CORPORATION OF INDIA LTD.
284	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.
285	FRESH & HEALTHY ENTERPRISES LTD.
286	GAIL (INDIA) LTD.
287	GAIL GAS LTD.
288	INLAND & COASTAL SHIPPING LTD.
289	KONKAN LNG LIMITED
290	PAWAN HANS LTD.
291	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
292	SHIPPING CORPORATION OF INDIA LTD.
293	SIDCUL CONCOR INFRA COMPANY LTD.
294	VISAKHAPATANAM PORT LOGISTICS PARK LTD.
	UNDER CONSTRUCTION
	UNDER CONSTRUCTION
295	ANANTHPURAM KURNOOL TRANSMISSION LTD.
296	ANUSHAKTI VIDHYUT NIGAM LTD.
297	BHADLASIKAR TRANSMISSION LTD.
298	BHARAT PETRO RESOURCES JPDA
299	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.
300	BIDAR TRANSMISSION LTD.
301	BIHAR INFRAPOWER LTD.
302	BIHAR MEGA POWER LTD.
303	BSNL TOWER CORPORATION
304	BUNDELKHAND SAUR URJA LTD.
305	CHANDIL TRANSMISSION LTD.
306	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.
307	CHEYYUR INFRA LTD.
308	CHHATARPUR TRANSMISSION LIMITED
309	CHHATTISGARH COPPER LTD
310	CHHATTISGARH EAST-WEST RAILWAYS LTD.
311	CHHATTISGARH MEGA STEEL CO. LTD.
312	CHHATTISHGARH SURGUJA POWER LTD.
313	COASTAL KARNATAKA POWER LTD.
314	COASTAL TAMIL NADU POWER LTD.
315	DEOGHAR AIRPORT LTD
316	DEOGHAR INFRA LTD.
317	DEOGHAR MEGA POWER LTD.
318	DHALBHUMGARH AIRPORT LTD
319	DHOLERA INTERNATIONAL AIRPORT
320	DUMKA TRANSMISSION LTD.

(Cont.)

S. No.	Sector / Cognate Group / CPSE
321	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)
322	ER NER TRANSMISSION LIMITED
323	GHOGARPALLI INTEGRATED POWER COMPANY LTD.
324	GLIDERS INDIA LIMITED
325	HEMISPHERE PROPERTIES INDIA LTD.
326	HLL MEDIPARK LTD
327	HPCL LNG LTD.
328	HPCL RAJASTHAN REFINERY LTD.
329	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.
330	INDIA OPTEL LIMITED
331	INDO RUSSIAN HELICOPTERS LTD.
332	IRCON RENEWABLE POWER LTD.
333	IREL IDCOL LTD.
334	ITPO SERVICES LTD.
335	JAGDISHPUR PAPER MILLS LTD.
336	JALPOWER CORPORATION LTD.
337	JHARKHAND CENTRAL RAILWAY LTD.
338	JHARKHAND INFRAPOWER LTD.
339	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.
340	KARMYOGI BHARAT
341	KARNATAKA VIJAY NAGAR STEEL LTD.
342	KHETRI-NARELA TRANSMISSION LTD.
343	KISHTWAR TRANSMISSION LIMITED
344	KODERMA TRANSMISSION LTD.
345	KOLKATA METRO RAIL CORPORATION LTD.
346	LANCOTEESTA HYDRO POWER LTD
347	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.
348	LUDHIANA INTERNATIONAL AIRPORT LTD.
349	MAHANADI BASIN POWER LTD.
350	MAHANADI COAL RAILWAY LTD.
351	MAMC INDUSTRIES LTD.
352	MANDAR TRANSMISSION LTD.
353	MJSJ COAL LTD.
354	MNH SHAKTI LTD.
355	MOHANLALGANJ TRANSMISSION LIMITED
356	MP POWER TRANSMISSION PACKAGE-I LTD.
357	NEW CITY OF BOMBAY MFG. MILLS LTD.
358	NEYVELI UTTAR PRADESH POWER LTD
359	NMDC STEEL LTD.
360	NMDC-CMDC LTD.
361	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.
362	NTPC EDMC WASTE SOLUTIONS
363	NTPC MINING LTD
364	NTPC RENEWABLE ENERGY LTD.

(Cont.)

S. No.	Sector / Cognate Group / CPSE
365	ODISHA INFRAPOWER LTD.
366	ORISSA INTEGRATED POWER LTD.
367	PATRATU VIDYUT UTPADAN NIGAM LTD.
368	POWER ENERGY SERVICES LTD.
369	POWER GRID BHIND GUNA TRANSMISSION LTD.
370	POWER GRID BHUJ TRANSMISSION LTD
371	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD
372	POWER GRID RAMGARH TRANSMISSION LTD.
373	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.
374	POWER GRID VEMAGIRI TRANSMISSION LTD.
375	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.
376	POWERGRID BHADLA TRANSMISSION LTD.
377	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED
378	POWERGRID SIKAR TRANSMISSION LTD.
379	POWERGRID TELESERVICES LTD.
380	PUNJAB ASHOK HOTEL COMPANY LTD.
381	RAJGARH TRANSMISSION LTD.
382	RATLE HYDROELECTRIC POWER CORPORATION LTD.
383	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.
384	SJVN GREEN ENERGY LTD.
385	SJVN THERMAL PVT. LTD.
386	TUSCO LTD.
387	YANTRA INDIA LIMITED
388	YULE ELECTRICAL LTD.
389	YULE ENGINEERING COMPANY LTD.

''- Non Operating - As per information furnised by Administrative Ministry/Department/CPSEs.*
NR - Not Running- Under Closure/ Under Liquidation

APPENDIX - III

CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT STATE/UNION TERRITORIES AS ON 31.3.2022

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 REGIONAL AGRI. MARKETING CORP.LTD.
7	NUMALIGARH REFINERY LTD.
8	OIL INDIA LTD.
	BIHAR
9	BHARAT WAGON & ENGG. CO. LTD. NR
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	CHHATTISGARH COPPER LTD
18	CHHATTISGARH EAST RAILWAYS LTD.
19	CHHATTISGARH EAST-WEST RAILWAYS LTD.
20	CHHATTISGARH MEGA STEEL CO. LTD.
21	FERRO SCRAP NIGAM LTD.
22	NMDC STEEL LTD.
23	NMDC-CMDC LTD.
24	SOUTH EASTERN COALFIELDS LTD.
	DELHI
25	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.
26	AGRINNOVATE INDIA LTD.
27	AI AIRPORT SERVICES LTD.
28	AI ENGINEERING SERVICES LTD.
29	AIR INDIA ASSETS HOLDING LTD
30	AIRPORTS AUTHORITY OF INDIA
31	ALLIANCE AIR AVIATION LTD.
32	ANANTHPURAM KURNOOL TRANSMISSION LTD.
33	BHADLASIKAR TRANSMISSION LTD.

(Cont.)

S. No.	State / CPSE
34	BHARAT BROADBAND NETWORK LTD.
35	BHARAT HEAVY ELECTRICALS LTD.
36	BHARAT SANCHAR NIGAM LTD.
37	BHARTIYA RAIL BIJLEE CO. LTD.
38	BIDAR TRANSMISSION LTD.
39	BIHAR INFRAPOWER LTD.
40	BIHAR MEGA POWER LTD.
41	BIJAWAR-VIDARBHA TRANSMISSION LTD NR
42	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL
43	BSNL TOWER CORPORATION
44	CEMENT CORPN. OF INDIA LTD.
45	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.
46	CENTRAL ELECTRONICS LTD.
47	CENTRAL RAILSIDE WAREHOUSE CO. LTD.
48	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)
49	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.
50	CENTRAL WAREHOUSING CORPN.
51	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
52	CHANDIL TRANSMISSION LTD.
53	CHEYYUR INFRA LTD.
54	CHHATARPUR TRANSMISSION LIMITED
55	CHHATTISHGARH SURGUJA POWER LTD.
56	COASTAL KARNATAKA POWER LTD.
57	COASTAL MAHARASHTRA MEGA POWER LTD. NR
58	COASTAL TAMIL NADU POWER LTD.
59	CONCOR AIR LTD.
60	CONTAINER CORPORATION OF INDIA LTD.
61	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.
62	DELHI POLICE HOUSING CORPORATION LTD.
63	DEOGHAR INFRA LTD.
64	DEOGHAR MEGA POWER LTD.
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	ER NER TRANSMISSION LIMITED
71	FOOD CORPN. OF INDIA
72	FRESH & HEALTHY ENTERPRISES LTD.
73	GAIL (INDIA) LTD.
74	GAIL GAS LTD.
75	GHOGARPALLI INTEGRATED POWER COMPANY LTD.
76	HEMISPHERE PROPERTIES INDIA LTD.

(Cont.)

S. No.	State / CPSE
77	HIL (INDIA) LTD.
78	HINDUSTAN FERTILIZER CORPN. LTD.
79	HINDUSTAN PAPER CORPORATION LTD. NR
80	HINDUSTAN PREFAB LTD.
81	HOTEL CORPN. OF INDIA LTD.
82	HOUSING & URBAN DEV. CORPN. LTD.
83	HSCC (INDIA) LTD.
84	HSRC INFRA SERVICES LTD.
85	IIFCL ASSET MANAGEMENT COMPANY LTD.
86	IIFCL PROJECTS LTD.
87	INDIA INFRASTRUCTURE FINANCE CO. LTD.
88	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.
89	INDIA TOURISM DEV. CORPN. LTD.
90	INDIA TRADE PROMOTION ORGANISATION
91	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
92	INDIAN RAILWAY FINANCE CORPORATION LTD.
93	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.
94	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.
95	IRCON BHOJ MORBE EXPRESSWAY LTD.
96	IRCON DAVANAGERE HAVERI HIGHWAY LTD.
97	IRCON GURGAON REWARI HIGHWAY SERVICES
98	IRCON HARIDWAR BYPASS LIMITED
99	IRCON INFRASTRUCTURE & SERVICES LTD.
100	IRCON INTERNATIONAL LTD.
101	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.
102	IRCON PB TOLLWAY LTD.
103	IRCON RENEWABLE POWER LTD.
104	IRCON SHIVPURI GUNA TOLLWAY LTD.
105	IRCON VADODARA KIM EXPRESSWAY LTD.
106	ITPO SERVICES LTD.
107	JHARKHAND INFRAPOWER LTD.
108	KANTI BIJLEE UTPADAN NIGAM LTD.
109	KARMYOGI BHARAT
110	KHETRI-NARELA TRANSMISSION LTD.
111	KISHTWAR TRANSMISSION LIMITED
112	KODERMA TRANSMISSION LTD.
113	KONKAN LNG LIMITED
114	KUMARAKRUPPA FRONTIER HOTELS PVT. LTD.
115	M M T C LTD.
116	MAHANAGAR TELEPHONE NIGAM LTD.
117	MANDAR TRANSMISSION LTD.
118	MILLENNIUM TELECOM LTD.
119	MOHANLALGANJ TRANSMISSION LIMITED
120	MP POWER TRANSMISSION PACKAGE-I LTD.

(Cont.)

S. No.	State / CPSE
121	NABINAGAR POWER GENERATING COMPANY LTD.
122	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
123	NATIONAL FERTILIZERS LTD.
124	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
125	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
126	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
127	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.
128	NATIONAL RESEARCH DEVELOPMENT CORPN.
129	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
130	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
131	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
132	NATIONAL SEEDS CORPN. LTD.
133	NATIONAL SMALL INDUSTRIES CORPN. LTD.
134	NATIONAL TEXTILE CORPN. LTD.
135	NBCC (INDIA) LTD.
136	NBCC ENGINEERING AND CONSULTANCY LTD. NR
137	NBCC ENVIRONMENT ENGINEERING LTD. NR
138	NBCC INTERNATIONAL LTD. NR
139	NBCC SERVICES LTD.
140	NSIC VENTURE CAPITAL FUND LTD.
141	NTPC EDMC WASTE SOLUTIONS
142	NTPC ELECTRIC SUPPLY COMPANY LTD. *
143	NTPC LTD.
144	NTPC MINING LTD
145	NTPC RENEWABLE ENERGY LTD.
146	NTPC VIDYUT VYAPAR NIGAM LTD.
147	ODISHA INFRAPOWER LTD.
148	OIL & NATURAL GAS CORPORATION LTD.
149	OIL INDIA INTERNATIONAL LTD. NR
150	ONGC VIDESH LTD.
151	ORISSA INTEGRATED POWER LTD.
152	P E C LTD. *
153	PATRATU VIDYUT UTPADAN NIGAM LTD.
154	PFC CONSULTING LTD.
155	POWER GRID MITHILANCHAL TRANSMISSION LTD.
156	POWER FINANCE CORPORATION LTD.
157	POWER GRID AJMER PHAGI TRANSMISSION LTD.
158	POWER GRID BHIND GUNA TRANSMISSION LTD.
159	POWER GRID BHUJ TRANSMISSION LTD
160	POWER GRID CORPORATION OF INDIA LTD.
161	POWER GRID FATEGARH TRANSMISSION LTD
162	POWER GRID KHETRI TRANSMISSION LTD.
163	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.
164	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD

(Cont.)

S. No.	State / CPSE
165	POWER GRID RAMGARH TRANSMISSION LTD.
166	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.
167	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
168	POWER GRID VARANASI TRANSMISSION LTD.
169	POWER GRID VEMAGIRI TRANSMISSION LTD.
170	POWER SYSTEM OPERATION CORPORATION LTD.
171	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.
172	POWERGRID BHADLA TRANSMISSION LTD.
173	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED
174	POWERGRID HIMACHAL TRANSMISSION LTD.
175	POWERGRID JAWAHARPUR FIROZABAD TRANSMISSION LTD.
176	POWERGRID NM TRANMISSION LTD.
177	POWERGRID SIKAR TRANSMISSION LTD.
178	POWERGRID TELESERVICES LTD.
179	POWERGRID UNCHAHAR TRANSMISSION LTD.
180	PRIZE PETROLEUM COMPANY LTD.
181	RAIL VIKAS NIGAM LTD.
182	RAILTEL CORPORATION INDIA LTD.
183	RAILTEL ENTERPRISES LTD.
184	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
185	RAJGARH TRANSMISSION LTD.
186	RATNAGIRI GAS & POWER PVT. LTD.
187	REC LTD.
188	REC POWER DEVELOPMENT & CONSULTANCY LTD.
189	RITES LTD.
190	SAGARMALA DEVELOPMENT COMPANY LTD.
191	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.
192	SECURITY PRINTING & MINTING CORPN. INDIA LTD.
193	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD NR
194	SOLAR ENERGY CORPORATION OF INDIA
195	STATE TRADING CORPN. OF INDIA LTD. *
196	STEEL AUTHORITY OF INDIA LTD.
197	TANDA TRANSMISSION COMPANY LTD. NR
198	TATIYA ANDHRA MEGA POWER LTD. NR
199	TCIL BINA TOLL ROAD LTD.
200	TCIL LAKHNADONE TOLL ROAD LTD.
201	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
202	THE FERTILIZER CORPN. OF INDIA LTD. *
203	WAPCOS LTD.
	GOA
204	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
205	GOA SHIPYARD LTD.
	GUJARAT
206	DHOLERA INTERNATIONAL AIRPORT

(Cont.)

S. No.	State / CPSE
207	HPCL LNG LTD.
	HARYANA
208	INDIAN DRUGS & PHARMACEUTICALS LTD. NR
209	INDIAN VACCINE CORP. LTD. *
210	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.
211	NHPC LTD.
212	POWER ENERGY SERVICES LTD.
	HIMACHAL PRADESH
213	SJVN GREEN ENERGY LTD.
214	SJVN LTD.
	JAMMU & KASHMIR
215	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.
216	J & K MINERAL DEVELOPMENT CORPN. LTD. *
217	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD
218	RATLE HYDROELECTRIC POWER CORPORATION LTD.
	JHARKHAND
219	BHARAT COKING COAL LTD.
220	CENTRAL COALFIELDS LTD.
221	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
222	DEOGHAR AIRPORT LTD
223	DHALBHUMGARH AIRPORT LTD
224	HEAVY ENGINEERING CORPN. LTD.
225	JHARKHAND CENTRAL RAILWAY LTD.
226	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.
227	MECON LTD.
228	URANIUM CORPORATION OF INDIA LTD.
	KARNATAKA
229	ANTRIX CORPORATION LTD.
230	BEL-THALES SYSTEMS LTD.
231	BEML LTD.
232	BHARAT ELECTRONICS LTD.
233	HINDUSTAN AERONAUTICS LTD.
234	HMT (INTERNATIONAL) LTD.
235	HMT LTD.
236	HMT MACHINE TOOLS LTD.
237	HMT WATCHES LTD. NR
238	I T I LTD.
239	INDO RUSSIAN HELICOPTERS LTD.
240	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.
241	KARNATAKA TRADE PROMOTION ORGANISATION
242	KARNATAKA VIJAY NAGAR STEEL LTD.
243	KIOCL LTD.
244	MANGALORE REFINERY & PETROCHEMICALS LTD.
245	NAINI AEROSPACE LTD.

(Cont.)

S. No.	State / CPSE
246	NEWSPACE INDIA LTD.
247	STCL LTD. NR
248	TUNGABHADRA STEEL PRODUCTS LTD. NR
249	VIGNYAN INDUSTRIES LTD. NR
	KERALA
250	BPCL-KIAL FUEL FARM PVT. LTD.
251	COCHIN SHIPYARD LTD.
252	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
253	HLL BIOTECH LTD.
254	HLL INFRA TECH SERVICES LTD.
255	HLL LIFECARE LTD.
	MADHYA PRADESH
256	BHARAT OMAN REFINERIES LIMITED,
257	NEPA LTD.
258	NHDC LTD.
259	NORTHERN COALFIELDS LTD.
	MAHARASHTRA
260	ANUSHAKTI VIDHYUT NIGAM LTD.
261	APOLLO DESIGN APPAREL PARKS LTD.
262	AURANGABAD TEXTILES & APPAREL PARKS LTD.
263	BEL OPTRONICS DEVICES LTD.
264	BHARAT GAS RESOURCES LTD,
265	BHARAT PETRO RESOURCES JPDA
266	BHARAT PETRO RESOURCES LTD.
267	BHARAT PETROLEUM CORPN. LTD.
268	E. C. G. C. LTD.
269	GOLDMOHUR DESIGN & APPAREL PARKS LTD.
270	HINDUSTAN ANTIBIOTICS LTD.
271	HINDUSTAN ORGANIC CHEMICALS LTD.
272	HINDUSTAN PETROLEUM CORPN. LTD.
273	INDIA UNITED TEXTILE MILLS LTD.
274	INDIAN OIL CORPORATION LTD.
275	INDIAN PORTS GLOBAL LTD
276	IREL (INDIA) LTD.
277	KONKAN RAILWAY CORPORATION LTD.
278	MAHARASHTRA ANTIBIOTICS & PHARMACEUTICALS LTD *
279	MAZAGON DOCK SHIPBUILDERS LTD.
280	MINERAL EXPLORATION CORPN. LTD.
281	MOIL LTD.
282	MUMBAI RAILWAY VIKAS CORPORATION LTD.
283	MUNITIONS INDIA LTD.
284	NATIONAL FILM DEV. CORPN. LTD.
285	NEW CITY OF BOMBAY MFG. MILLS LTD.
286	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.

(Cont.)

S. No.	State / CPSE
287	NUCLEAR POWER CORPN. OF INDIA LTD.
288	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
289	RICHARDSON & CRUDDAS(1972) LTD.
290	SHIPPING CORPORATION OF INDIA LTD.
291	THE COTTON CORPN. OF INDIA LTD.
292	WESTERN COALFIELDS LTD.
293	YANTRA INDIA LIMITED
	MANIPUR
294	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.
295	MANIPUR STATE DRUGS & PHAREMACEUTICALS LTD *
	MEGHALAYA
296	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.
297	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
	NAGALAND
298	NAGALAND PULP & PAPER COMPANY LTD. *
	ODISHA
299	EASTERN INVESTMENT LTD.
300	IREL IDCOL LTD.
301	MAHANADI BASIN POWER LTD.
302	MAHANADI COAL RAILWAY LTD.
303	MAHANADI COALFIELDS LTD.
304	MJSJ COAL LTD.
305	MNH SHAKTI LTD.
306	NATIONAL ALUMINIUM COMPANY LTD.
307	ORISSA DRUGS & CHEMICALS LTD. NR
308	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
309	THE BISRA STONE LIME COMPANY LTD.
310	UTKAL ASHOK HOTEL CORPN. LTD. *
	PONDICHERRY
311	PONDICHERRY ASHOK HOTEL CORPN. LTD.
	PUNJAB
312	LUDHIANA INTERNATIONAL AIRPORT LTD.
	RAJASTHAN
313	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.
314	HINDUSTAN SALTS LTD.
315	HPCL RAJASTHAN REFINERY LTD.
316	INSTRUMENTATION LTD.
317	RAJASTHAN DRUGS & PHARMACEUTICALS LTD. NR
318	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
319	SAMBHAR SALTS LTD.
	TAMILNADU
320	ARMOURED VEHICLES NIGAM LIMITED
321	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.
322	CHENNAI PETROLEUM CORPORATION LTD.

(Cont.)

S. No.	State / CPSE
323	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD. NR
324	HLL MEDIPARK LTD
325	IDPL (TAMILNADU) LTD. *
326	MADRAS FERTILIZERS LTD.
327	NLC INDIA LTD.
328	NLC TAMIL NADU POWER LTD.
329	SAIL REFRACTORY COMPANY LTD.
330	TAMIL NADU TRADE PROMOTION ORGANISATION
331	UDUPI COCHIN SHIPYARDS LTD.
	TELANGANA
332	BHARAT DYNAMICS LTD.
333	ELECTRONICS CORPN. OF INDIA LTD.
334	HINDUSTAN FLUOROCARBONS LIMITED NR
335	HMT BEARINGS LTD. NR
336	JALPOWER CORPORATION LTD.
337	LANCOTEESTA HYDRO POWER LTD
338	MISHRA DHATU NIGAM LTD.
339	NMDC CSR FOUNDATION
340	NMDC Ltd.
	UTTAR PRADESH
341	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED
342	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA
343	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
344	BHARAT PUMPS & COMPRESSORS LTD. NR
345	BRITISH INDIA CORPORATION LTD. *
346	BROADCAST ENGG. CONSULTANTS INDIA LTD.
347	BUNDELKHAND SAUR URJA LTD.
348	GLIDERS INDIA LIMITED
349	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD. NR
350	HLL MOTHER & CHILD CARE HOSPITALS LTD. NR
351	JAGDISHPUR PAPER MILLS LTD.
352	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.
353	NEYVELI UTTAR PRADESH POWER LTD
354	PAWAN HANS LTD.
355	PROJECTS & DEVELOPMENT INDIA LTD.
356	SCOOTERS INDIA LTD. NR
357	TROOP COMFORTS LIMITED
358	TUSCO LTD.
	UTTARAKHAND
359	INDIA OPTEL LIMITED
360	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.
361	SIDCUL CONCOR INFRA COMPANY LTD.
362	THDC INDIA LTD.

(Cont.)

S. No.	State / CPSE
	WEST BENGAL
363	ANDREW YULE & COMPANY LTD.
364	BALMER LAWRIE & CO. LTD.
365	BALMER LAWRIE INVESTMENTS LTD.
366	BENGAL CHEMICALS & PHARMACEUTICALS LTD.
367	BIRDS JUTE & EXPORTS LTD. NR
368	BRAITHWAITE & CO. LTD.
369	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
370	BRIDGE & ROOF CO.(INDIA) LTD.
371	BURN STANDARD COMPANY LTD. NR
372	CENTRAL INLAND WATER TRANSPORT CORPN. LTD. NR
373	COAL INDIA LTD.
374	EASTERN COALFIELDS LTD.
375	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.
376	HINDUSTAN CABLES LTD. NR
377	HINDUSTAN COPPER LTD.
378	HINDUSTAN STEELWORKS COSTN. LTD.
379	HOOGHLY DOCK AND PORT ENGINEERS LTD. NR
380	HOOGLY COCHIN SHIPYARD LTD.
381	INLAND & COASTAL SHIPPING LTD.
382	KOLKATA METRO RAIL CORPORATION LTD.
383	M S T C LTD.
384	MAMC INDUSTRIES LTD.
385	NATIONAL JUTE MANUFACTURES CORPORATION LTD. NR
386	THE JUTE CORPN. OF INDIA LTD.
387	VISAKHAPATANAM PORT LOGISTICS PARK LTD.
388	YULE ELECTRICAL LTD.
389	YULE ENGINEERING COMPANY LTD.

''- Non Operating - As per information furnised by Administrative Ministry/Department/CPSEs.*
NR - Not Running- Under Closure/ Under Liquidation

APPENDIX - IV

IND-AS APPLICABLE CPSEs AS ON 31.3.2022

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 GAS RESOURCES LTD,
22	BHARAT HEAVY ELECTRICALS LTD.
23	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
24	BHARAT OMAN REFINERIES LIMITED,
25	BHARAT PETRO RESOURCES LTD.
26	BHARAT PETROLEUM CORPN. LTD.
27	BHARAT SANCHAR NIGAM LTD.
28	BHARTIYA RAIL BIJLEE CO. LTD.
29	BPCL-KIAL FUEL FARM PVT. LTD.
30	BRAHAMPUTRA CRACKERS & POLYMER LTD.
31	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
32	BRIDGE & ROOF CO.(INDIA) LTD.
33	CENTRAL COALFIELDS LTD.
34	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
35	CENTRAL REGISTRY OF SECURITSATION ASSET RECONSTRUCTION AND SECURITY INTEREST OF INDIA (CERSAI)
36	CENTRAL TRANSMISSION UTILITY OF INDIA LTD.
37	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
38	CHANDIGARH INTERNATIONAL AIRPORT LTD.
39	CHENNAI PETROLEUM CORPORATION LTD.

(Cont.)

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

(Cont.)

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

(Cont.)

S. No.	Name of CPSEs
126	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.
127	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
128	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
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 ELECTRIC POWER CORPORATION LTD.
147	NORTHERN COALFIELDS LTD.
148	NSIC VENTURE CAPITAL FUND LTD.
149	NTPC LTD.
150	NTPC VIDYUT VYAPAR NIGAM LTD.
151	NUCLEAR POWER CORPN. OF INDIA LTD.
152	NUMALIGARH REFINERY LTD.
153	OIL & NATURAL GAS CORPORATION LTD.
154	OIL INDIA LTD.
155	ONGC VIDESH LTD.
156	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
157	PAWAN HANS LTD.
158	PFC CONSULTING LTD.
159	PONDICHERRY ASHOK HOTEL CORPN. LTD.
160	POWER GRID MITHILANCHAL TRANSMISSION LTD.
161	POWER FINANCE CORPORATION LTD.
162	POWER GRID AJMER PHAGI TRANSMISSION LTD.
163	POWER GRID CORPORATION OF INDIA LTD.
164	POWER GRID FATEGARH TRANSMISSION LTD
165	POWER GRID KHETRI TRANSMISSION LTD.
166	POWER GRID MEDINIPUR JEERAT TRANSMISSION LTD.
167	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
168	POWER GRID VARANASI TRANSMISSION LTD.

(Cont.)

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

APPENDIX - V

CENTRAL PUBLIC SECTOR ENTERPRISES WHOSE DATA HAS BEEN TREATED AS PROVISIONAL IN FY 2021-22

S. No.	Name of CPSE	Ministry Name
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	MINISTRY OF CIVIL AVIATION
2	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	MINISTRY OF DEFENCE
3	AI AIRPORT SERVICES LTD.	MINISTRY OF CIVIL AVIATION
4	AI ENGINEERING SERVICES LTD.	MINISTRY OF CIVIL AVIATION
5	AIR INDIA ASSETS HOLDING LTD	MINISTRY OF CIVIL AVIATION
6	APOLLO DESIGN APPAREL PARKS LTD.	MINISTRY OF TEXTILES
7	ARMOURED VEHICLES NIGAM LIMITED	MINISTRY OF DEFENCE
8	AURANGABAD TEXTILES & APPAREL PARKS LTD.	MINISTRY OF TEXTILES
9	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	MINISTRY OF CHEMICALS & FERTILIZERS
10	BHARAT GAS RESOURCES LTD,	MINISTRY OF PETROLEUM & NATURAL GAS
11	BUNDELKHAND SAUR URJA LTD.	MINISTRY OF POWER
12	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	MINISTRY OF TEXTILES
13	COASTAL KARNATAKA POWER LTD.	MINISTRY OF POWER
14	DHOLERA INTERNATIONAL AIRPORT	MINISTRY OF CIVIL AVIATION
15	ER NER TRANSMISSION LIMITED	MINISTRY OF POWER
16	GLIDERS INDIA LIMITED	MINISTRY OF DEFENCE
17	GOLDMOHUR DESIGN & APPAREL PARKS LTD.	MINISTRY OF TEXTILES
18	HINDUSTAN FERTILIZER CORPN. LTD.	MINISTRY OF CHEMICALS & FERTILIZERS
19	HINDUSTAN PREFAB LTD.	MINISTRY OF HOUSING & URBAN AFFAIRS
20	HOTEL CORPN. OF INDIA LTD.	MINISTRY OF CIVIL AVIATION
21	INDIA OPTEL LIMITED	MINISTRY OF DEFENCE
22	INDIA UNITED TEXTILE MILLS LTD.	MINISTRY OF TEXTILES
23	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	MINISTRY OF AYUSH
24	INDIAN PORTS GLOBAL LTD	MINISTRY OF PORTS, SHIPPING & WATERWAYS
25	INSTRUMENTATION LTD.	MINISTRY OF HEAVY INDUSTRIES
26	IRCON RENEWABLE POWER LTD.	MINISTRY OF RAILWAYS
27	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	MINISTRY OF COMMERCE & INDUSTRY
28	KARNATAKA TRADE PROMOTION ORGANISATION	MINISTRY OF COMMERCE & INDUSTRY
29	KHETRI-NARELA TRANSMISSION LTD.	MINISTRY OF POWER
30	KOLKATA METRO RAIL CORPORATION LTD.	MINISTRY OF RAILWAYS
31	MECON LTD.	MINISTRY OF STEEL
32	MUNITIONS INDIA LTD.	MINISTRY OF DEFENCE
33	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
34	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT

(Cont.)

S. No.	Name of CPSE	Ministry Name
35	NATIONAL SEEDS CORPN. LTD.	MINISTRY OF AGRICULTURE AND FARMERS WELFARE
36	NATIONAL TEXTILE CORPN. LTD.	MINISTRY OF TEXTILES
37	NEPA LTD.	MINISTRY OF HEAVY INDUSTRIES
38	NEW CITY OF BOMBAY MFG. MILLS LTD.	MINISTRY OF TEXTILES
39	NEWSPACE INDIA LTD.	DEPT. OF SPACE
40	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION
41	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION
42	PAWAN HANS LTD.	MINISTRY OF CIVIL AVIATION
43	PFC CONSULTING LTD.	MINISTRY OF POWER
44	PROJECTS & DEVELOPMENT INDIA LTD.	MINISTRY OF CHEMICALS & FERTILIZERS
45	RAILTEL ENTERPRISES LTD.	MINISTRY OF RAILWAYS
46	SAGARMALA DEVELOPMENT COMPANY LTD.	MINISTRY OF PORTS, SHIPPING & WATERWAYS
47	SJVN GREEN ENERGY LTD.	MINISTRY OF POWER
48	SOLAR ENERGY CORPORATION OF INDIA	MINISTRY OF NEW AND RENEWABLE ENERGY
49	TROOP COMFORTS LIMITED	MINISTRY OF DEFENCE
50	YANTRA INDIA LIMITED	MINISTRY OF DEFENCE

APPENDIX - VI

LIST OF UNDER CONSTRUCTION CPSEs AS ON 31.3.2022

(₹ in Lakhs)

S. No.	CPSEs	Status	Year of Incorporation	Authroised Capital	Paid-up Capital
1	ANANTHPURAM KURNOOL TRANSMISSION LTD.	Final	2020	0.01	0.01
2	ANUSHAKTI VIDHYUT NIGAM LTD.	Final	2011	5	0.10
3	BHADLASIKAR TRANSMISSION LTD.	Final	2020	0.01	0.01
4	BHARAT PETRO RESOURCES JPDA	NA	2011	0	0
5	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	Final	2003	5000	4738.20
6	BIDAR TRANSMISSION LTD.	Final	2020	0.05	0.05
7	BIHAR INFRAPOWER LTD.	Final	2015	0.05	0.05
8	BIHAR MEGA POWER LTD.	Final	2015	0.05	0.05
9	BSNL TOWER CORPORATION	NA	2011	0	0
10	BUNDELKHAND SAUR URJA LTD.	Provisional	2015	450	97.17
11	CHANDIL TRANSMISSION LTD.	Final	2018	0.05	0.05
12	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	Final	2011	5200	3336.45
13	CHEYYUR INFRA LTD.	Final	2014	0.05	0.05
14	CHHATARPUR TRANSMISSION LIMITED	NA	2022	0	0
15	CHHATTISGARH COPPER LTD	Final	2011	10	0.55
16	CHHATTISGARH EAST-WEST RAILWAYS LTD.	Final	2013	1110	594.05
17	CHHATTISGARH MEGA STEEL CO. LTD.	NA	2015	0	0
18	CHHATTISHGARH SURGUJA POWER LTD.	NA	2006	0	0
19	COASTAL KARNATAKA POWER LTD.	Provisional	2006	0.05	0.05
20	COASTAL TAMIL NADU POWER LTD.	Final	2007	0.05	0.05
21	DEOGHAR AIRPORT LTD	NA	2019	0	0
22	DEOGHAR INFRA LTD.	Final	2015	0.05	0.05
23	DEOGHAR MEGA POWER LTD.	Final	2012	0.05	0.05
24	DHALBHUMGARH AIRPORT LTD	NA	2019	0	0
25	DHOLERA INTERNATIONAL AIRPORT	Provisional	2012	200	151.51
26	DUMKA TRANSMISSION LTD.	Final	2018	0.05	0.05
27	EPI URBAN INFRA DEVELOPERS LTD. (EPIUIDL)	NA	2016	0	0
28	ER NER TRANSMISSION LIMITED	Provisional	2021	0.05	0.05
29	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	Final	2008	0.05	0.05
30	GLIDERS INDIA LIMITED	Provisional	2021	0	0
31	HEMISPHERE PROPERTIES INDIA LTD.	Final	2005	9000	285
32	HLL MEDIPARK LTD	NA	2016	0	0
33	HPCL LNG LTD.	Final	2011	1293	1257
34	HPCL RAJASTHAN REFINERY LTD.	Final	2011	14000	5765.05
35	INDIA INTERNATIONAL CONVENTION AND EXHIBITION CENTRE LTD.	Final	2017	5000	2442.39

(Cont.)

S. No.	CPSEs	Status	Year of Incorporation	Authroised Capital	Paid-up Capital
36	INDIA OPTEL LIMITED	Provisional	2021	0	0
37	INDO RUSSIAN HELICOPTERS LTD.	Final	2011	10	10
38	IRCON RENEWABLE POWER LTD.	Provisional	2022	5	5
39	IREL IDCOL LTD.	Final	2018	2	2
40	ITPO SERVICES LTD.	NA	2020	0	0
41	JAGDISHPUR PAPER MILLS LTD.	NA	2008	0	0
42	JALPOWER CORPORATION LTD.	Final	2004	350	281.49
43	JHARKHAND CENTRAL RAILWAY LTD.	Final	2015	500	87.73
44	JHARKHAND INFRAPOWER LTD.	Final	2015	0.05	0.05
45	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	Final	2012	1	0.01
46	KARMYOGI BHARAT	NA	2022	0	0
47	KARNATAKA VIJAY NAGAR STEEL LTD.	Final	2014	0.1	0.1
48	KHETRI-NARELA TRANSMISSION LTD.	Provisional	2020	0.01	0.01
49	KISHTWAR TRANSMISSION LIMITED	NA	2021	0	0
50	KODERMA TRANSMISSION LTD.	Final	2018	0.05	0.05
51	KOLKATA METRO RAIL CORPORATION LTD.	Provisional	2011	3758.62	3758.62
52	LANCOTEESTA HYDRO POWER LTD	Final	2000	2500	1440.5
53	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	Final	2009	230	138.09
54	LUDHIANA INTERNATIONAL AIRPORT LTD.	NA	2020	0	0
55	MAHANADI BASIN POWER LTD.	Final	2011	0.05	0.05
56	MAHANADI COAL RAILWAY LTD.	Final	2015	100	90
57	MAMC INDUSTRIES LTD.	NA	2010	0	0
58	MANDAR TRANSMISSION LTD.	Final	2018	0.05	0.05
59	MJSJ COAL LTD.	Final	2008	200	95.1
60	MNH SHAKTI LTD.	Final	2008	100	35.1
61	MOHANLALGANJ TRANSMISSION LIMITED	Final	2021	0.01	0.01
62	MP POWER TRANSMISSION PACKAGE-I LTD.	Final	2020	0.05	0.05
63	NEW CITY OF BOMBAY MFG. MILLS LTD.	Provisional	2007	10	9.17
64	NEYVELI UTTAR PRADESH POWER LTD	Final	2012	5000	3882.41
65	NMDC STEEL LTD.	Final	2015	0.3	0.11
66	NMDC-CMDC LTD.	Final	2008	200	192.84
67	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	Final	2011	10	1
68	NTPC EDMC WASTE SOLUTIONS	Final	2020	0.2	0.2
69	NTPC MINING LTD	Final	2019	0.1	0.05
70	NTPC RENEWABLE ENERGY LTD.	Final	2020	4000	731.17
71	ODISHA INFRAPOWER LTD.	Final	2014	0.05	0.05
72	ORISSA INTEGRATED POWER LTD.	Final	2006	0.05	0.05
73	PATRATU VIDYUT UTPADAN NIGAM LTD.	Final	2015	5000	1672.46
74	POWER ENERGY SERVICES LTD.	Final	2022	10	0
75	POWER GRID BHIND GUNA TRANSMISSION LTD.	Final	2018	107	90.15

(Cont.)

S. No.	CPSEs	Status	Year of Incorporation	Authroised Capital	Paid-up Capital
76	POWER GRID BHUJ TRANSMISSION LTD	Final	2019	180	180
77	POWER GRID MEERUT SIMBHAVALI TRANSMISSION LTD	Final	2019	208	129.71
78	POWER GRID RAMGARH TRANSMISSION LTD.	Final	2020	20	1.10
79	POWER GRID RAMPUR SAMBHAL TRANSMISSION LTD.	Final	2019	166	109
80	POWER GRID VEMAGIRI TRANSMISSION LTD.	Final	2011	0.05	0.05
81	POWERGRID ALIGARH SIKAR TRANSMISSION LTD.	Final	2020	70	62.35
82	POWERGRID BHADLA TRANSMISSION LTD.	Final	2011	40	20.31
83	POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED	Final	2020	70	22.21
84	POWERGRID SIKAR TRANSMISSION LTD.	Final	2011	80	47.35
85	POWERGRID TELESERVICES LTD.	Final	2021	50	9
86	PUNJAB ASHOK HOTEL COMPANY LTD.	Final	1998	3	2.5
87	RAJGARH TRANSMISSION LTD.	Final	2020	0.05	0.05
88	RATLE HYDROELECTRIC POWER CORPORATION LTD.	Final	2021	16000	185.14
89	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	Final	2008	0.05	0.05
90	SJVN GREEN ENERGY LTD.	Provisional	2022	50	50
91	SJVN THERMAL PVT. LTD.	Final	2007	3000	2511.68
92	TUSCO LTD.	Final	2020	50	20
93	YANTRA INDIA LIMITED	Provisional	2021	0	0
94	YULE ELECTRICAL LTD.	Final	2007	0.05	0.05
95	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 2021-22

New CPSEs Added during the year 2021-22

Sl. No.	Name of CPSEs	Ministry Name	Remarks
1	ADVANCED WEAPONS AND EQUIPMENT INDIA LIMITED	MINISTRY OF DEFENCE	Operating
2	ARMOURED VEHICLES NIGAM LIMITED	MINISTRY OF DEFENCE	Operating
3	CHENAB VALLEY POWER PROJECTS PRIVATE LTD.	MINISTRY OF POWER	Under Construction
4	CHHATARPUR TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
5	ER NER TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
6	GLIDERS INDIA LIMITED	MINISTRY OF DEFENCE	Under Construction
7	INDIA OPTEL LIMITED	MINISTRY OF DEFENCE	Under Construction
8	IRCON AKLOKI-SHIRSAD EXPRESSWAY LTD.	MINISTRY OF RAILWAYS	Operating
9	IRCON BHOJ MORBE EXPRESSWAY LTD.	MINISTRY OF RAILWAYS	Operating
10	IRCON GURGAON REWARI HIGHWAY SERVICES	MINISTRY OF RAILWAYS	Operating
11	IRCON HARIDWAR BYPASS LIMITED	MINISTRY OF RAILWAYS	Operating
12	IRCON LUDHIANA RUPNAGAR HIGHWAY LTD.	MINISTRY OF RAILWAYS	Operating
13	IRCON RENEWABLE POWER LTD.	MINISTRY OF RAILWAYS	Under Construction
14	KARMYOGI BHARAT	MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES & PENSIONS	Under Construction
15	KISHTWAR TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
16	MOHANLALGANJ TRANSMISSION LIMITED	MINISTRY OF POWER	Under Construction
17	MUNITIONS INDIA LTD.	MINISTRY OF DEFENCE	Operating
18	POWER ENERGY SERVICES LTD.	MINISTRY OF POWER	Under Construction
19	POWERGRID TELESERVICES LTD.	MINISTRY OF POWER	Under Construction
20	RATLE HYDROELECTRIC POWER CORPORATION LTD.	MINISTRY OF POWER	Under Construction
21	SJVN GREEN ENERGY LTD.	MINISTRY OF POWER	Under Construction
22	TROOP COMFORTS LIMITED	MINISTRY OF DEFENCE	Operating
23	YANTRA INDIA LIMITED	MINISTRY OF DEFENCE	Under Construction

CPSEs removed during the year 2021-22

Sl. No.	Name of CPSEs	Ministry Name	Remarks
1	AIR INDIA EXPRESS LTD.	MINISTRY OF CIVIL AVIATION	The process of strategic disinvestment of 100% stake of Government of India in Air India along with equity shareholding of Air India in Air India Express Ltd (AIXL) completed on 27.01.2022.
2	AIR INDIA LTD.	MINISTRY OF CIVIL AVIATION	The process of strategic disinvestment of 100% stake of Government of India in Air India along with equity shareholding of Air India in Air India Express Ltd (AIXL) completed on 27.01.2022.
3	BHEL ELECTRICAL MACHINES LTD.	MINISTRY OF HEAVY INDUSTRIES	The company has been transferred to Govt of Kerala on 11th August, 2021
4	CONCOR LAST MILE LOGISTICS LTD	MINISTRY OF RAILWAYS	Company closed on 25.08.2021 an Strike-off from RoC on 02.03.2022
5	DINGCHANG TRANSMISSION LTD.	MINISTRY OF POWER	The Company was struck from Registrar of Companies on August 17, 2021.
6	GADAG TRANSMISSION LTD.	MINISTRY OF POWER	Transferred to M/s Renew Transmission Ventures Pvt Ltd. w.e.f. 17th March, 2022
7	HINDUSTAN NEWSPRINT LTD.	MINISTRY OF HEAVY INDUSTRIES	The NCLT Kochi approved the resolution plan for HNL submitted by the Kerala Industrial Infrastructure Development Corporation (KINFRA)on 29.01.21 and is under implementation by KINFRA.
8	HMT CHINAR WATCHES LTD.	MINISTRY OF HEAVY INDUSTRIES	NCLT Chandigarh Bench passed an order for dissolution of HMT Chinar Watches Limited in terms of Section 59(8) of the Insolvency & Bankruptcy Code, 2016 with effect from 10th March, 2022. Ministry of Corporate Affairs has taken on record the order of NCLT and updated the Company Master Data in their records as Dissolved.
9	HOOGHLY PRINTING COMPANY LTD.	MINISTRY OF HEAVY INDUSTRIES	Merged with Anderw Yule & Co. Ltd. w.e.f. 04/06//2021
10	INDO CAT PRIVATE LTD.	MINISTRY OF PETROLEUM & NATURAL GAS	As informed by concerned Ministry, company stands closed w.e.f. 25th October, 2022
11	JHARKHAND KOLHAN STEEL LTD.	MINISTRY OF STEEL	As informed by concerned Ministry, company stands dissolved w.e.f. 17th December, 2022

(Cont.)

Sl. No.	Name of CPSEs	Ministry Name	Remarks
12	KALLAM TRANSMISSION LTD.	MINISTRY OF POWER	As informed by concerned Ministry, company transferred to Consortium of M/s lndiGrid 1 Limited (Lead Member) & M/s lndiGrid 2 Limited w.e.f. 28th December, 2021
13	KARUR TRANSMISSION LTD	MINISTRY OF POWER	As informed by concerned Ministry, company transferred to M/s Adani Transmission Limited w.e.f. 18th January, 2022
14	KOPPAL-NARENDRA TRANSMISSION LTD	MINISTRY OF POWER	As informed by concerned Ministry, company transferred to M/s ReNew Transmission Ventures Private Limited w.e.f. 13th December, 2021
15	MP POWER TRANSMISSION PACKAGE-II LTD.	MINISTRY OF POWER	As informed by concerned Ministry, company transferred to M/s Adani Transmission Limited w.e.f. 01st November, 2021
16	NMDC POWER LTD.	MINISTRY OF STEEL	As informed by concerned Ministry, company stands dissolved w.e.f. 14th October, 2021
17	NPCIL - NALCO POWER COMPANY LTD.	DEPT. OF ATOMIC ENERGY	In Feb 2017, NALCO Board had advised NALCO management to consider winding up of the 'NPCIL NALCO' Power Company Limited (NNPCL)
18	ONGC MANGALORE PETROCHEMICALS LTD.	MINISTRY OF PETROLEUM & NATURAL GAS	As per the Annual Report of Mangalore Refinery & Petrochemicals Ltd.(MRPL) for FY 2021-22, ONGC Mangalore Petrochemicals Ltd.(OMPL) has been merged with MRPL vide Final order of Ministry of Corporate Affairs dated 14/04/2022 with 01/04/2022 as appointed date and 15/05/2022 as effective date.
19	POWER GRID JABALPUR TRANSMISSION LTD.	MINISTRY OF POWER	Power Grid Jabalpur Transmission Ltd. has been monetized through POWERGRID infrastructure Investment Trust in May 2021 and this company ceased to be POWERGRID Subsidiaries w.e.f. 13.05.2021.
20	POWER GRID PARLI TRANSMISSION LTD.	MINISTRY OF POWER	Power Grid Parli Transmission Ltd. has been monetized through POWERGRID infrastructure Investment Trust in May 2021 and this company ceased to be POWERGRID Subsidiaries w.e.f. 13.05.2021.

(Cont.)

Sl. No.	Name of CPSEs	Ministry Name	Remarks
21	POWER GRID WARORA TRANSMISSION LTD.	MINISTRY OF POWER	Power Grid Warora Transmission Ltd. has been monetized through POWERGRID infrastructure Investment Trust in May 2021 and this company ceased to be POWERGRID Subsidiaries w.e.f. 13.05.2021.
22	POWERGRID KALA AMB TRANSMISSION LTD.	MINISTRY OF POWER	Power Grid Kala AMB Transmission Ltd. has been monetized through POWERGRID infrastructure Investment Trust in May 2021 and this company ceased to be POWERGRID Subsidiaries w.e.f. 13.05.2021.
23	POWERGRID VIZAG TRANSMISSION LTD.	MINISTRY OF POWER	Power Grid Vizag Transmission Ltd. has been monetized through POWERGRID infrastructure Investment Trust in May 2021 and this company ceased to be POWERGRID Subsidiaries w.e.f. 13.05.2021.

APPENDIX-VIII

List of CPSEs under Liquidation/Closure as per information by CPSE/Concerned Ministry (as on 31.03.2022)

List of CPSEs under liquidation as per information by CPSE/Concerned Ministry (as on 31.03.2022)	
1	HINDUSTAN PAPER CORPORATION LTD.
2	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.
3	NBCC ENGINEERING AND CONSULTANCY LTD.
4	OIL INDIA INTERNATIONAL LTD.
5	ORISSA DRUGS & CHEMICALS LTD.
List of CPSEs approved for closure by the Government (as on 31.03.2022)	
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD
2	BHARAT PUMPS & COMPRESSORS LTD.
3	BHARAT WAGON & ENGG. CO. LTD.
4	BIJAWAR-VIDARBHA TRANSMISSION LTD
5	BIRDS JUTE & EXPORTS LTD.
6	BURN STANDARD COMPANY LTD.
7	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.
8	COASTAL MAHARASHTRA MEGA POWER LTD.
9	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.
10	HINDUSTAN CABLES LTD.
11	HINDUSTAN FLUOROCARBONS LIMITED
12	HLL MOTHER & CHILD CARE HOSPITALS LTD.
13	HMT BEARINGS LTD.
14	HMT WATCHES LTD.
15	HOOGHLY DOCK AND PORT ENGINEERS LTD.
16	INDIAN DRUGS & PHARMACEUTICALS LTD.
17	NATIONAL JUTE MANUFACTURES CORPORATION LTD.
18	NBCC ENVIRONMENT ENGINEERING LTD.
19	NBCC INTERNATIONAL LTD.
20	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.
21	SCOOTERS INDIA LTD.
22	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD
23	STCL LTD.
24	TANDA TRANSMISSION COMPANY LTD.
25	TATIYA ANDHRA MEGA POWER LTD.
26	TUNGABHADRA STEEL PRODUCTS LTD.
27	VIGNYAN INDUSTRIES LTD.

APPENDIX - IX

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