



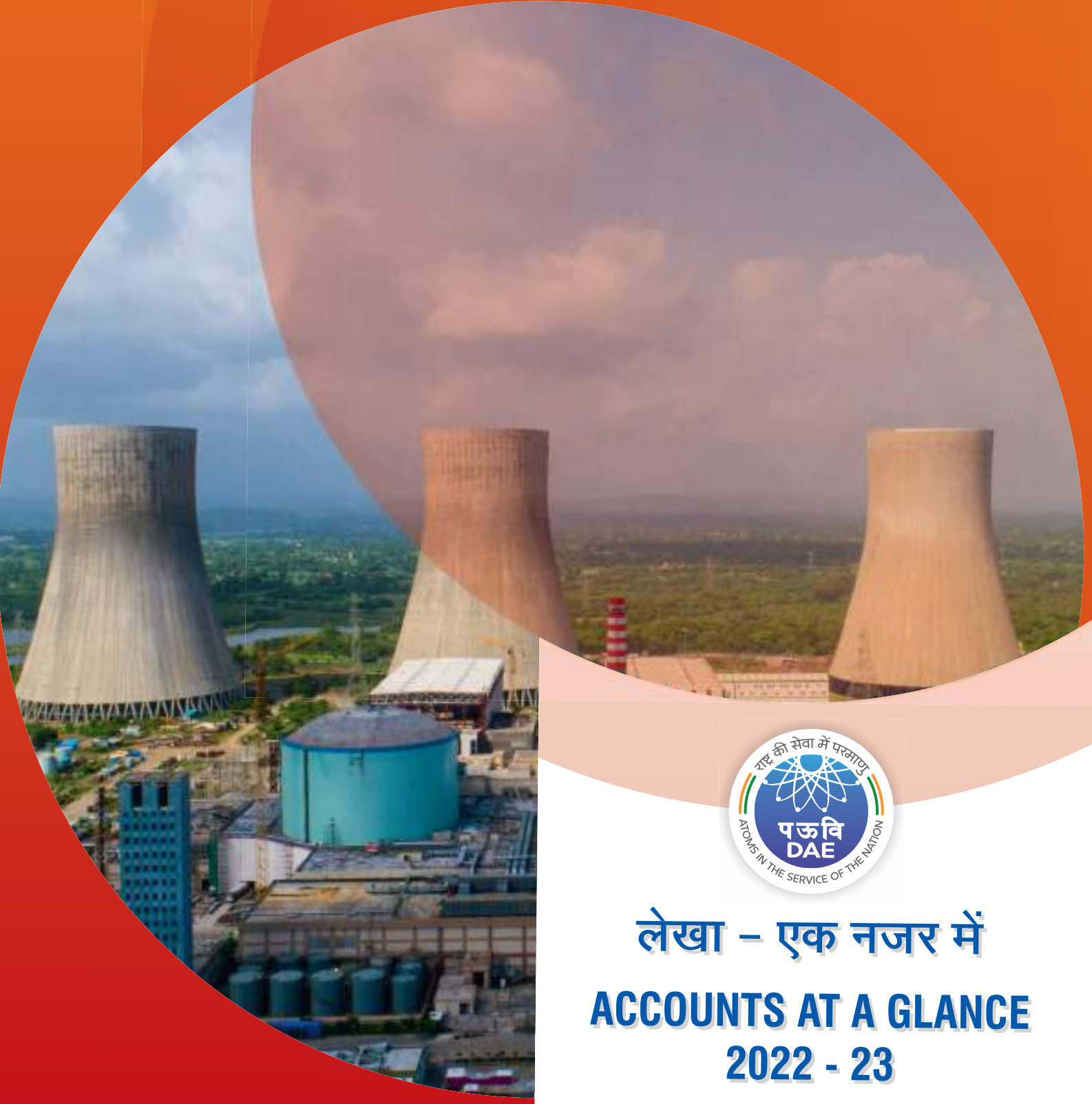
सत्यमेव जयते

भारत सरकार

Government of India

परमाणु ऊर्जा विभाग

Department of Atomic Energy



लेखा - एक नजर में

ACCOUNTS AT A GLANCE

2022 - 23



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भारत सरकार
Government of India

डॉ. अजित कुमार मोहान्ती
Dr. Ajit Kumar Mohanty



अध्यक्ष, परमाणु ऊर्जा आयोग
सचिव, परमाणु ऊर्जा विभाग
Chairman, Atomic Energy Commission
&
Secretary, Department of Atomic Energy

प्रस्तावना

मुख्य लेखा नियंत्रक के कार्यालय ने परमाणु ऊर्जा विभाग के वित्तीय वर्ष 2022-23 से संबंधित "लेखा - एक नज़र" पुस्तिका का प्रकाशन किया है। इस पुस्तिका में विविध तालिकाओं, चार्ट, रेखाचित्रों और ग्राफ के माध्यम से विश्लेषणात्मक और रोचक तरीके से उपयोगी लेखांकन सूचना दी गयी है।

विभाग के लेखा के सारांश को उपलब्ध करवाने के लिए "लेखा - एक नज़र" पुस्तिका का प्रकाशन वार्षिक रूप से किया जाता है। हमारा प्रयास विस्तृत, प्रासंगिक और उपयोगी लेखांकन सूचना को सरल प्रारूप में उपलब्ध करवाना रहा है ताकि पाठकों को विभाग के वित्त की पूरी जानकारी एक स्थान पर मिल सके।

सरकार के डिजिटल भारत पहल कार्यक्रम के तहत "सार्वजनिक वित्त प्रबंध प्रणाली (पीएफएमएस)" और "राजकोष एकल लेखा (टीएसए)" पोर्टल का विभाग की 16 यूनिटों और 11 सहायता प्राप्त संस्थानों में उपयोग प्रारंभ कर दिया गया है। इस महत्वपूर्ण क्षेत्र में अधिकारियों को राष्ट्र के हित में निरंतर ध्यान देना और कार्य करना आवश्यक है ताकि समाज को इसका सर्वोत्तम लाभ पहुंचाने की दिशा में विभाग के कार्य को अधिक सरल एवं कारगर बनाया जा सके।

मैं, मुख्य लेखा नियंत्रक की टीम को शुभकामनाएं देता हूँ और यह आशा करता हूँ कि "लेखा - एक नज़र" के आगामी अंक में सुधार लाने के प्रयास में वे हमारे पाठकों और हितधारकों से प्राप्त सुझावों को शामिल करेंगे।


(अजित कुमार मोहान्ती)



डॉ. अजित कुमार मोहान्ती
Dr. Ajit Kumar Mohanty



अध्यक्ष, परमाणु ऊर्जा आयोग
व
सचिव, परमाणु ऊर्जा विभाग
Chairman, Atomic Energy Commission
&
Secretary, Department of Atomic Energy

FOREWORD

Office of the Chief Controller of Accounts has brought out "Accounts at a Glance" of Department of Atomic Energy pertaining to the Financial Year 2022-23 with useful Accounting information supported by Tables, Charts, Diagrams and Graphs in an analytical and attractive manner.

"Accounts at a Glance" is prepared annually with the objective of providing a summary of the accounts of the Department. Our endeavor has been to provide comprehensive, relevant and useful accounting information in user friendly formats so that a complete picture of the Department's finances is available to the reader at one place.

Under the Government's Digital India initiative program "Public Financial Management System (PFMS)" and "Treasury Single Account (TSA)" have been implemented in 16 Units and 11 Aided Institutes respectively. The continued attention and action by all functional authorities concerned, is essential in this important area to further streamline the working of the Department in the interest of the Nation and its ultimate benefits to the Society.

I wish all the best to the CCA's team and hope that in an effort to improve the future edition of "Accounts at a Glance", they will incorporate the suggestions/feedback received, from our readers and stakeholders.

Ajit Kumar Mohanty
(Ajit Kumar Mohanty)





सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA

परमाणु ऊर्जा विभाग

DEPARTMENT OF ATOMIC ENERGY

अणुशक्ति भवन

छत्रपति शिवाजी महाराज मार्ग,

मुंबई - 400 001.

Anushakti Bhavan

Chhatrapati Shivaji Maharaj Marg,

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संदीप ताराचंद उके

SANDEEP T. UKE

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Chief Controller of Accounts

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प्रस्तावना

मैं परमाणु ऊर्जा विभाग की पुस्तिका "लेखा - एक नज़र" के नवीनतम अंक को प्रस्तुत करते हुए प्रसन्नता महसूस कर रहा हूँ।

यह पुस्तिका संघ के वित्त और विनियोग लेखा में दर्शायी गयी परमाणु ऊर्जा विभाग की गतिविधियों का विस्तृत विवरण देने के लिए वार्षिक रूप से प्रकाशित की जाती है। विविध तालिका, चार्ट, रेखाचित्र और ग्राफ के माध्यम से सूचना को तार्किक रूप से प्रस्तुत करने का प्रयास किया गया है।

मुझे विश्वास है कि यह दस्तावेज सूचनाप्रद और उपयोगी सिद्ध होगा। इस प्रकाशन के प्रारूप और विषय-वस्तु में सुधार लाने के लिए सुझाव और टिप्पणियां सादर आमंत्रित हैं।

संदीप टी. उके
मुख्य लेखा नियंत्रक

दिनांक : 30.09.2023

मुम्बई- 400 001



संदीप नाराचंद उके
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सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA

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PREFACE

I am pleased to bring out the latest issue of "Accounts at a Glance" of the Department of Atomic Energy.

This publication is prepared annually with the objective of providing a broad overview of the activities of the Department of Atomic Energy as reflected in the Union Finance and Appropriation Accounts. Efforts have been made to present the information logically through tables, charts, diagrams and graphs.

I trust that this document will be informative and useful. Suggestions and comments to improve the form and content of the publication are most welcome.

Sandeep T. Uke
Chief Controller of Accounts

Date: 30.09.2023

Mumbai - 400 001.



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Chapter - 1

Introduction of DAE

As per clause 13 of the Atomic Energy Act the Government of India decided to set up “Atomic Energy Commission” on August 10, 1948 in the Department of Scientific Research. A separate Department with full powers of a Ministry was set up under the direct charge of the Prime Minister of India on 3rd August 1954. The objective was to set up an organisation with full authority to plan and implement the various measures on sound technical and economic principles and free from all non-essential restrictions and needlessly inelastic rules. The intention was to give the Commission the same freedom of action as an autonomous body, while at the same time giving the power of authority of the Government. The Atomic Energy Commission has the powers of the Government of India in all its Ministries is so far as work of the Department of Atomic Energy is concerned.

Since its inception, DAE has been engaged in the development of nuclear power technology, applications of radiation technologies in the fields of agriculture, medicine, industry and basic research. DAE comprises of 6 major Research Centres, 3 Industrial organisations, 5 Public Sector Undertakings, 3 Service Organisations and 11 Aided Institutes. It also has under its aegis, 2 Boards (Homi Bhabha National Institute & National Board for Higher Mathematics) for promoting and funding extramural research in nuclear and allied fields, mathematics and a national institute (deemed university).



Important Programmes of DAE

- Increasing share of nuclear power through deployment of indigenous and other proven technologies, along with development of fast breeder reactors and thorium reactors with associated fuel cycle facilities;
- Building and operation of research reactors for production of radioisotopes and carrying out radiation technology applications in the field of medicine, agriculture and industry;
- Development of advanced technologies such as accelerators, lasers, super-computers, advanced materials and instrumentation and encouraging transfer of technology to industry;
- Support to basic research in nuclear energy and related frontier areas of science; Interaction with universities and academic institutions;
- Support to research and development projects having a bearing on DAE's programmes and International co-operation in related advanced areas of research; and
- Contribution to national security.



Chapter - 2

Activities of DAE Accounts

The Secretary, DAE is the Chief Accounting Authority of the Department. The Chief Controller of Accounts is the administrative head of Accounting Organization of the Department of Atomic Energy, looks after functions of Budget and Principal Accounts Office, Internal Audit in addition to compilation & reviewing of statutory Audit paras as a Chief Audit Authority.

The Budget Section consolidates the budget of the Department online through an in-house software program namely DAE Budget Automation System (DAEBAS). This software is a pioneering work of DAE. The budget data seamlessly flows to Budget Section from 14 budgeting authorities. The compiled data is placed before the Atomic Energy Commission for approval and onward submission to Ministry of Finance. The Budget Section is headed by Budget and Planning Officer and supported by one Deputy Controller of Accounts and two Assistant Accounts Officers. The activities of budget section also includes distribution / allocation of funds to the Constituent Units, preparation of re-appropriation orders, submission of supplementary grants & surrenders to Ministry of Finance.

The Principal Accounts Office consolidates the accounts of the Department in the manner prescribed by the Controller General of Accounts, Ministry of Finance. There are 24 Pay & Accounts Offices (PAOs) and 8 Sub-pay and Accounts Offices (SPOs/DDOs) in the Department.

The Principal Accounts Office is presently manned by one Joint Controller (Finance & Accounts), one Deputy Controller of Accounts and two Assistant Accounts Officers under the Chief Controller of Accounts. The two sections namely, 'Control' and 'Finance Accounts' carry out the work related to compilation of Monthly Accounts, preparation of Annual Accounts, preparation of 'Budget for Public Accounts, Receipts, Composite Grants and Pension', monitoring Implementation of PFMS, National Pension System, maintenance of DDR Balances, preparation of MIS Reports etc.



The Monthly Accounts received from PAOs (Non-PFMS) are scrutinized and validated in the software developed in-house. The validated Accounts are consolidated in 'Principal Accounts Consolidation software' which is also developed in-house.

As required by the Office of Controller General of Accounts, New Delhi the monthly account of each PAO of the Department is uploaded into PFMS Portal. The consolidated accounts, which are to be submitted to the O/o CGA by 8th of following month are submitted before due date. Report on the expenditure/receipts to CGA in the form of a "Flash Report" is regularly furnished by 1st working day of every month. Chief Controller of Accounts apprises CGA about the status of various suspense heads, reconciliation of Cheques & Bills, information relating to settlement of retirement benefits, receipt of utilization certificates etc.

The statements indicating the progress of expenditure up to the current month is provided to the PAOs for review & reconciliation immediately after consolidation of the Accounts. In addition to review at PAO level, the Principal Accounts Office also conducts extensive review of expenditure, receipts and DDR heads. The review of expenditure highlights shortcomings, which are brought to the attention of Heads of the Units for necessary corrective action. Chief Controller of Accounts reviews the status of expenditure on a monthly basis.



Chapter - 3

3.1 Highlights of Annual Accounts

Department of Atomic Energy was authorized to operate its funds under Revenue and Capital Division of Grant No.3 - Atomic Energy during financial year 2022-23. The Gross Expenditure for the year was ₹ 34487.30 Crore against the Budget estimate of ₹ 32343.89 Crore which is inclusive of ₹ 3164.27 Crore, obtained through Supplementary Grants. The expenditure consists of revenue expenditure of ₹ 18803.60 Crore and capital expenditure of ₹ 15683.70 Crore.

3.2 Summary of Accounts

| (₹ in crores) | | | | | | | |
|----------------|-----------------|----------------|-----------------|---------------|-----------------|-----------------|---------------|
| | B.E. | SUPPL GRANT | R.E. | SURRENDER | FINAL GRANT | ACTUALS | Utilization % |
| | 2022-23 | 2022-23 | 2022-23 | 2022-23 | 2022-23 | 2022-23 | 2022-23 |
| REVENUE | 16518.81 | 3164.24 | 19709.76 | 550.59 | 19132.46 | 18803.60 | 98.28 |
| CAPITAL | 15825.08 | 0.03 | 14887.40 | 62.26 | 15762.85 | 15683.70 | 99.49 |
| TOTAL | 32343.89 | 3164.27 | 34597.31 | 612.85 | 34895.31 | 34487.30 | 98.83 |

The Department has surrendered an amount of ₹ 612.85 Crore to the Ministry of Finance and there was an overall saving of ₹ 408.01 Crore during the year w.r.t final grant of ₹ 34895.31 Crore. Surrender amount of ₹ 612.85 cr during 2022-23 was mainly due to below:

- Reduction in pay and allowance by ₹ 264.79 cr owing to change in eligibility criteria for payment towards Performance Related Incentive Scheme (Organization),
- Technical surrender of ₹ 18 cr from Voted to meet other maintenance charges and payment of Arbitral Award declared by Hon'ble Supreme Court.

As far as possible the savings were utilised through re-appropriation.



Chapter - 4

4.1.1 Fund Flow during the Financial Year 2022-23

(₹ in Crore)

| RECEIPTS (Cr.) | AMOUNT | DISBURSEMENTS (Dr.) | AMOUNT |
|--|--------------|--|--------------|
| <u>CONSOLIDATED FUND OF INDIA</u> | | <u>CONSOLIDATED FUND OF INDIA</u> | |
| REVENUE RECEIPTS | 7410 | REVENUE : | 19592 |
| INTEREST RECEIPTS | 2075 | GENERAL SERVICES | 884 |
| OTHER RECEIPTS | 3481 | ECONOMIC SERVICES | 18708 |
| LOAN RECOVERIES | 398 | SOCIAL SERVICES | 00 |
| | | CAPITAL : | 9237 |
| | | ECONOMIC SERVICES | 9033 |
| | | LOANS & ADVANCES | 204 |
| TOTAL | 13364 | TOTAL | 28829 |
| <u>PUBLIC ACCOUNT</u> | | <u>PUBLIC ACCOUNT</u> | |
| SMALL SAVINGS & PROVIDENT FUND | 548 | PROVIDENT FUND | 517 |
| DEPOSITS AND ADVANCES | 404 | DEPOSITS AND ADVANCES | 169 |
| RESERVE FUNDS | 0 | RESERVE FUNDS | 30 |
| SUSPENSE | 24678 | SUSPENSE | 9449 |
| TOTAL | 25630 | TOTAL | 10165 |
| TOTAL - RECEIPTS | 38994 | TOTAL - DISBURSEMENTS | 38994 |

Note: CONSOLIDATED FUND OF INDIA

1. Revenue Receipts consists of revenue generated by Departmentally run Commercial Undertakings (HWB, NFC & BRIT), through Lease Charges on Heavy Water, Lease Charges on Fuel and sale of Isotopes etc.
2. Interest Receipts consists of Interests received from Commercial Undertakings, Interests on loans from Government servants.
3. Other receipts consists of Nuclear Liability Fund and other miscellaneous receipts.
4. Recovery of Loans from Public Sector Undertakings and repayment of loans by Govt. Servants.

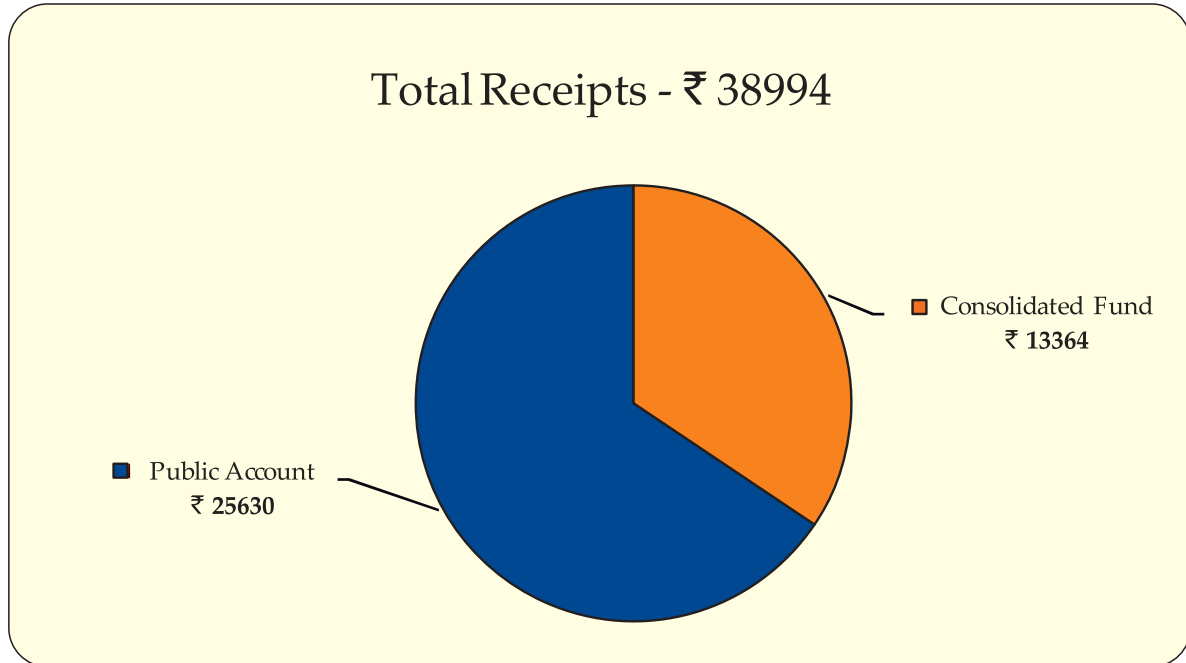
PUBLIC ACCOUNT

5. Small Savings and Provident Funds consists of Central Government Employees Group Insurance (CGEGIS), General Provident Fund and Contributory Provident Fund etc.
6. Deposits & Advances consists of Earnest Money Deposits(EMD), Security Deposits(SD), Unclaimed Deposits of Provident Funds and other Deposits etc.

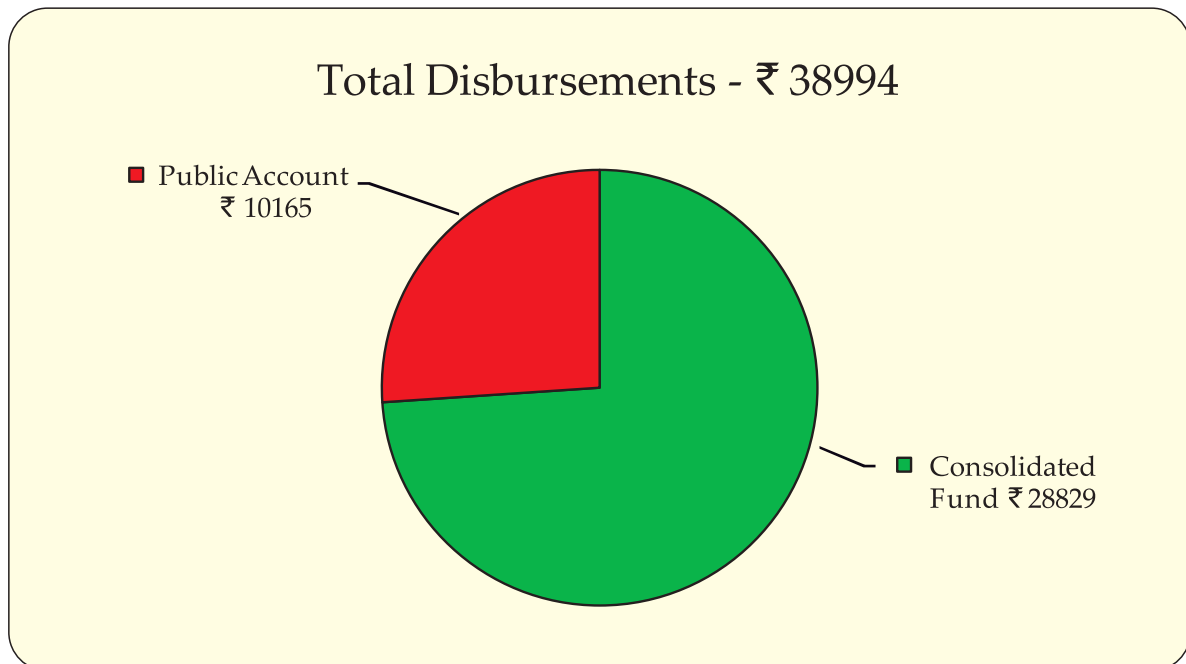


4.1.2 Fund Flow during the Financial Year 2022-23

(₹ in Crore)



(₹ in Crore)





4.2 Details of Receipts during the Financial Year 2022-23

(₹ in Crore)

| Sr. No. | Item | Actuals | | |
|--------------|--------------------------------------|---------|--|--------------|
| 1 | Tax Revenue | | | |
| | 1.1. 0020 - Corporation Tax | 14 | | |
| | 1.2 0021 - Income Tax | 783 | | |
| | Total Tax Revenue | | | 797 |
| 2 | Non-Tax Revenue | | | |
| | 2.1 Interest Receipts | 2075 | | |
| | 2.2 Dividend | 2674 | | |
| | 2.3 Power | 4331 | | |
| | 2.4 Industries | 2962 | | |
| | 2.5 Atomic Energy Research etc. | 117 | | |
| | 2.6 Others | 10 | | |
| | Total Non-Tax Revenue | | | 12169 |
| 3 | Loan Recoveries From PSUs | | | 394 |
| 4 | Repayment from Govt. Servants | | | 4 |
| TOTAL | | | | 13364 |

Note : TAX REVENUE

1. Corporation Tax and Income Tax are TDS from Companies, Contractors Bills and from Employees etc.

NON-TAXREVENUE

2. Dividend from PSUs, revenue from Commercial Undertakings, Lease Charges on Heavy Water / Fuel, sale of Isotopes, Interests from Commercial Undertakings/ Government Servants.
3. Nuclear Liability Fund, repayment of loans by Public Sector Undertakings / Government Servants etc.



Chapter - 5

5.1.1 Disbursement Under Consolidated Fund during the Financial Year 2022-23

(Bookings done by DAE and other Ministries on behalf of DAE)

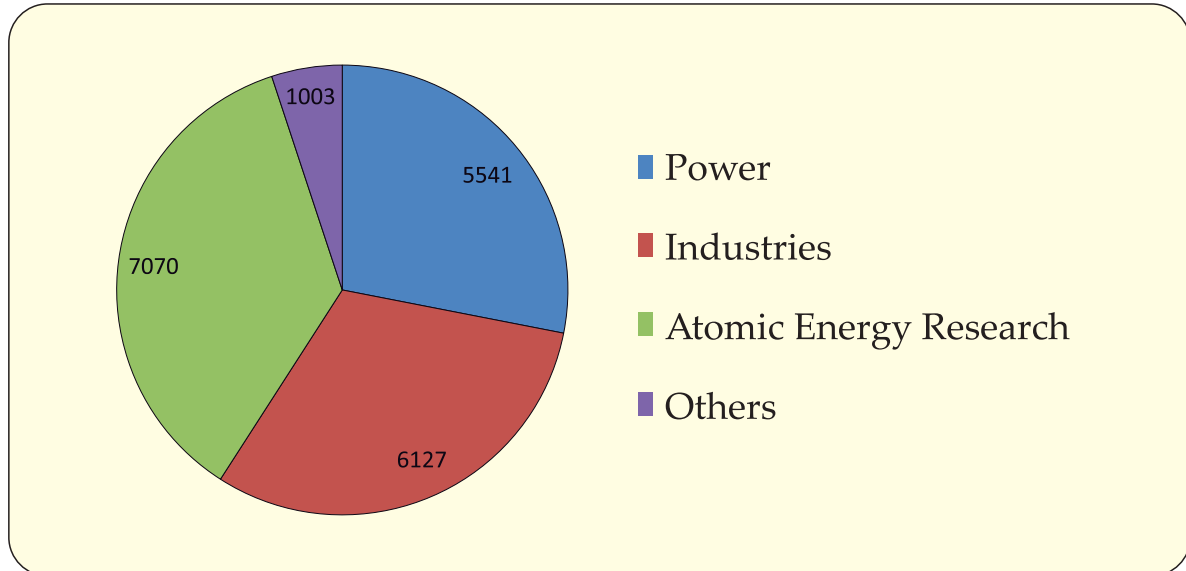
(₹ in Crore)

| Sr. No. | Item | Actuals |
|---------|--|--------------|
| | Revenue | |
| 1 | Interest Payment | 202 |
| 2 | Pension and Other Retirement Benefits | 681 |
| 3 | Power | 5541 |
| 4 | Industries | 6127 |
| 5 | Atomic Energy Research | 7070 |
| 6 | Department of Science & Technology | 56 |
| 7 | Secretariat - Economic Services | 65 |
| | Total - Revenue (1 to 7) | 19742 |
| | Capital | |
| 8 | Power Project | 6845 |
| 9 | Atomic Energy Industries | 5412 |
| 10 | Atomic Energy Research | 3425 |
| 11 | Loans to Government Servants etc. | 4 |
| | Total - Capital (8 to 11) | 15686 |
| | Total - Disbursements (1 to 11) | 35428 |



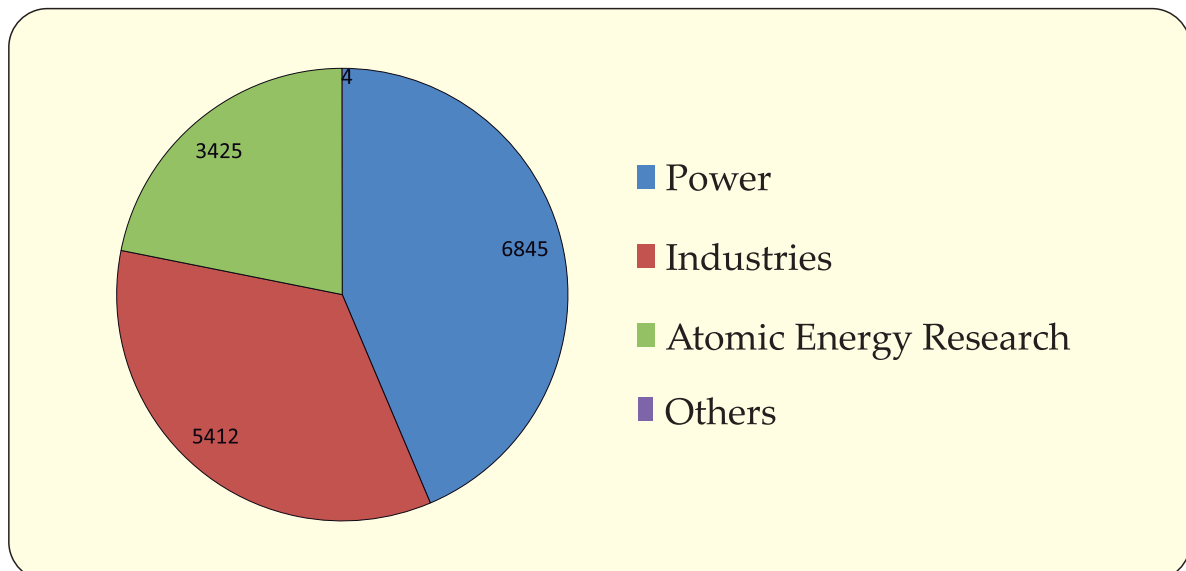
5.1.2 Disbursement Under Consolidated Fund Revenue (Total ₹ 19742 Crore)

(₹ in Crore)



5.1.3 Disbursement Under Consolidated Fund Capital (Total ₹ 15686 Crore)

(₹ in Crore)





**5.2 Debt, Deposit, Remittance & Suspense Head Balances
in Finance Accounts 2022-23**

(₹ in Crore)

| Major Head | Opening Balance as on 1.4.2022 | Receipts during 2022-23 | Disbursement during 2022-23 | Closing Balance as on 31.3.2023 |
|---|--------------------------------|-------------------------|-----------------------------|---------------------------------|
| <u>CONSOLIDATED FUND OF INDIA</u> | | | | |
| <u>LOANS & ADVANCES</u> | | | | |
| 6801 - Loans for Power Projects | Dr. 9896.87 | 393.67 | 200.00 | Dr. 9703.20 |
| 7610 - Loans to Government servants etc. | Dr. 17.68 | 3.99 | 4.32 | Dr. 18.01 |
| Total - CONSOLIDATED FUND | Dr. 9914.55 | 397.66 | 204.32 | Dr. 9721.21 |
| <u>PUBLIC ACCOUNT</u> | | | | |
| <u>SMALL SAVINGS, PROVIDENT FUND ETC.</u> | | | | |
| 8008 - Income & Expenditure of National Small Savings | Dr. 0.19 | 0.00 | 0.00 | Dr. 0.19 |
| 8009 - State Provident Fund | Cr. 2895.07 | 543.18 | 506.49 | Cr. 2931.76 |
| 8011 - Insurance & Pension Funds | Dr. 63.69 | 2.56 | 10.32 | Dr. 71.45 |
| 8012 - Special Deposits & Accounts | Cr. 3.91 | 0.00 | 0.00 | Cr. 3.91 |
| 8014 - Postal Life Insurance Scheme | Cr. 90.52 | 2.24 | 0.00 | Cr. 92.76 |
| Total - SMALL SAVINGS, PF ETC. | Cr. 2925.62 | 547.98 | 516.81 | Cr. 2956.79 |

continue.....



5.2 Debt, Deposit, Remittance & Suspense Head Balances in Finance Accounts 2022-23

(₹ in Crore)

| Major Head | Opening Balance as on 1.4.2022 | Receipts during 2022-23 | Disbursement during 2022-23 | Closing Balance as on 31.3.2023 |
|---|--------------------------------|-------------------------|-----------------------------|---------------------------------|
| <u>RESERVE FUNDS</u> | | | | |
| 8115 - Depreciation/Renewals of Reserve Fund | Cr. 427.00 | 0.00 | 29.90 | Cr. 397.10 |
| Total - RESERVE FUNDS | Cr. 427.00 | 0.00 | 29.90 | Cr. 397.10 |
| <u>DEPOSITS AND ADVANCES</u> | | | | |
| 8443 - Civil Deposits | Cr. 1480.59 | 403.54 | 168.60 | Cr. 1715.53 |
| 8550 - Civil Advances | Dr. 0.30 | 0.06 | 0.12 | Dr. 0.36 |
| Total - DEPOSITS AND ADVANCES | Cr. 1480.29 | 403.60 | 168.72 | Cr. 1715.17 |
| <u>SUSPENSE & MISCELLANEOUS</u> | | | | |
| 8658 - Suspense Accounts | Cr. 537.08 | 18.65 | 1.64 | Cr. 554.09 |
| 8670 - Cheques and Bills | Cr. 69.51 | 111.57 | 0.00 | Cr. 181.08 |
| 8672 - Permanent Cash Imprest (Civil) | Dr. 0.27 | 0.02 | 0.04 | Dr. 0.29 |
| 8674 - Security Deposits made by Govt. | Dr. 121.65 | 78.39 | 6.04 | Dr. 49.30 |
| 8675 - Deposits with Reserve Bank (Closed to Govt. Account) | Closed to Govt. A/c. | 24469.71 | 9441.38 | Closed to Govt. A/c. |
| 8680 - Misc. Govt. Account | Closed to Govt. A/c. | 0.00 | 0.00 | Closed to Govt. A/c. |
| Total - SUSPENSE & MISCELLANEOUS | Cr. 143854.98 | 24678.34 | 9449.10 | Cr. 159084.21 |
| Total - PUBLIC ACCOUNT | Cr. 148687.89 | 25629.92 | 10164.53 | Cr. 164153.28 |



5.3 Statement of Central Transactions (SCT) of other Ministries

Though the Grant No.3 - Atomic Energy is controlled by DAE however, some portions of funds are placed at the disposal of other Ministries to incur expenditure on behalf of this Department. During the year 2022-23 below Ministries incurred expenditure to the tune of ₹ 4.43 Crore on behalf of Atomic Energy.

(₹ in Crore)

| Ministry Name | Incurring Expenditure related to | Amount |
|---------------------------------------|---|---------|
| Ministry of Housing And Urban Affairs | Construction of Auditorium | 0.72 |
| Controller of Aids Accounts and Audit | Utilization of Russian Credit in respect of KKNP 3&4 and 5&6 | 4599.00 |
| Ministry of External Affairs | Two regular establishments abroad viz. Embassy of India, Vienna and Technical Liaison Mission, Paris. | 4.85 |

5.4 Statement of Central Transactions (SCT) of DAE

Principal Accounts Office, DAE had also incurred expenditure on behalf of other Ministries. All these expenditures were routed through the Statement of Central Transactions of DAE and appeared in the Appropriation Accounts of respective Ministries. The statement given below indicates such cases:

| Grant No. | Details | Ministry against which the bookings made | ₹ in Crore |
|-----------|--|--|------------|
| 39 | Major Head -2049-Interest Payment | Ministry of Finance | 202.37 |
| 30 | Major Head -7610-Loans to Government Servants | Ministry of Finance | 4.32 |
| 41 | Major Head -2071-Pension and Other Retirement Benefits | Ministry of Finance, Central Pension Accounting Office | 681.31 |
| 41 | Major Head -2235-Social Securities and welfare | Ministry of Labour | 0.27 |
| 89 | Major Head -3425-Other Scientific Research | Ministry of Science & Technology | 55.84 |



5.5 Appropriation Accounts

The Appropriation Accounts of the Department indicates the financial transactions that have taken place under Grant No. 3 - Atomic Energy. Expenditure incurred under Revenue and Capital Divisions along with its bifurcation into Charged and Voted is depicted in the Appropriation Accounts.

The charts given in the next pages explain the fund allocation and their utilization in the Department.

Department invariably made all efforts to prepare a realistic Budget to ensure optimum utilization of resources available. Besides this, a regular meeting to review the progress of construction activities, procurements, utilization of funds etc. has been taken at various levels. Such practices in the DAE have led to approx 99% utilization of the Budget in the previous Financial Year. This performance rates the best one amongst all Scientific Departments/Ministries.

As far as possible the savings were utilised through re-appropriation. An Explanatory Note for the saving in excess of ₹ 100 Crore under Revenue & Capital Division has been furnished to Director General of Audit, Central Revenues for vetting after which it will be furnished to The Public Accounts Committee through Ministry of Finance.

The Appropriation Accounts under Grant No. 3 - Atomic Energy is explained in the next two pages.

| 5. SUMMARY OF APPROPRIATION ACCOUNTS 2022-23 | | | | | |
|---|-----------------|----------------|-----------------|-----------------|---------------|
| (₹ in Crore) | | | | | |
| Division | B.E | Supplementary | F.R | Actuals | Savings |
| REVENUE | 16518.81 | 3164.24 | 19132.46 | 18803.60 | 328.86 |
| CAPITAL | 15825.08 | 0.03 | 15762.85 | 15683.70 | 79.15 |
| TOTAL | 32343.89 | 3164.27 | 34895.31 | 34487.30 | 408.01 |



**5.5.1 Major Sectorwise Statement for the Year 2022-23
(Grant No. 3)**

(₹ in Crore)

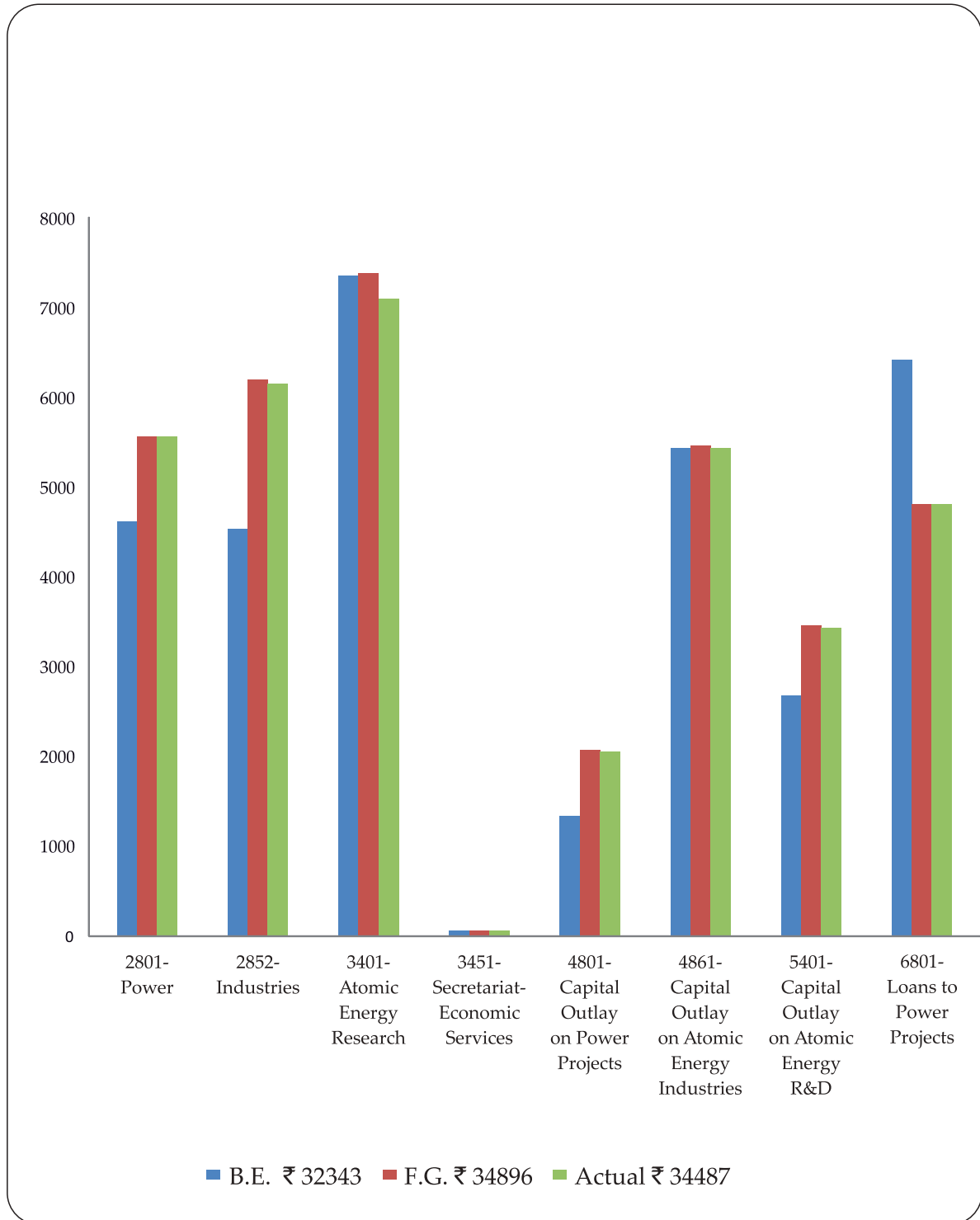
| Major Head | B.E. 2022-23 | R.E. 2022-23 | F.G. 2022-23 | Actual Expenditure |
|---|-----------------|-----------------|-----------------|-----------------------|
| <u>Grant No. 3 Atomic Energy</u> | | | | |
| 2801-Power | 4599 | 5545 | 5542 | 5542 |
| 2852-Industries | 4522 | 6277 | 6172 | 6127 |
| 3401-Atomic Energy Research | 7329 | 7810 | 7351 | 7070 |
| 3451-Secretariat - Economic Services | 68 | 78 | 68 | 65 |
| 4801-Capital Outlay on Power Projects | 1338 | 2160 | 2068 | 2046 |
| 4861-Capital Outlay on Atomic Energy Industries | 5416 | 5582 | 5442 | 5412 |
| 5401-Capital Outlay on Atomic Energy R&D | 2674 | 2346 | 3454 | 3426 |
| 6801-Loans to Power Projects | 6397 | 4799 | 4799 | 4799 |
| Total - Grant No. 3 | 32343 | 34597 | 34896 | 34487 |

Note : Final Grant (F.G.) inclusive of B.E., Supplementary Grant, Reappropriation & Surrender.



5.5.2 Major Sectorwise Statement for the Year 2022-23

(₹ in Crore)





5.6 Details of Suspense

Operation of Suspense Heads is resorted to account for banking transactions (Public Sector Bank Suspense) & the transactions related to Ministry of Defence (PAO suspense). The operation of Suspense is closely monitored and the balance is ₹ 554.09 Crore (Credit) as on 31.03.2023.

The transactions under the various Suspense Heads during the year 2022-23 are as follows:

(₹ in Crore)

| Head of Account | Transactions during 2022-23 | | | |
|---------------------------------|----------------------------------|------------------------|-----------------------------|----------------------------------|
| | Opening Balance as on 01.04.2022 | Receipt during 2022-23 | Disbursement during 2022-23 | Closing Balance as on 31.03.2023 |
| 8658 – SUSPENSE ACCOUNTS | | | | |
| Pay & Accounts Office Suspense | Cr. 509.99 | 48.67 | 0.00 | Cr. 558.66 |
| Suspense Accounts (Civil) | Cr. 2.05 | 0.28 | 0.00 | Cr. 2.33 |
| Public Sector Bank Suspense | Cr. 15.96 | (-)31.86 | 1.54 | Dr. 17.44 |
| GST | Cr. 9.08 | 1.56 | 0.10 | Cr. 10.54 |
| Total - Suspense | Cr. 537.08 | 18.65 | 1.64 | Cr. 554.09 |

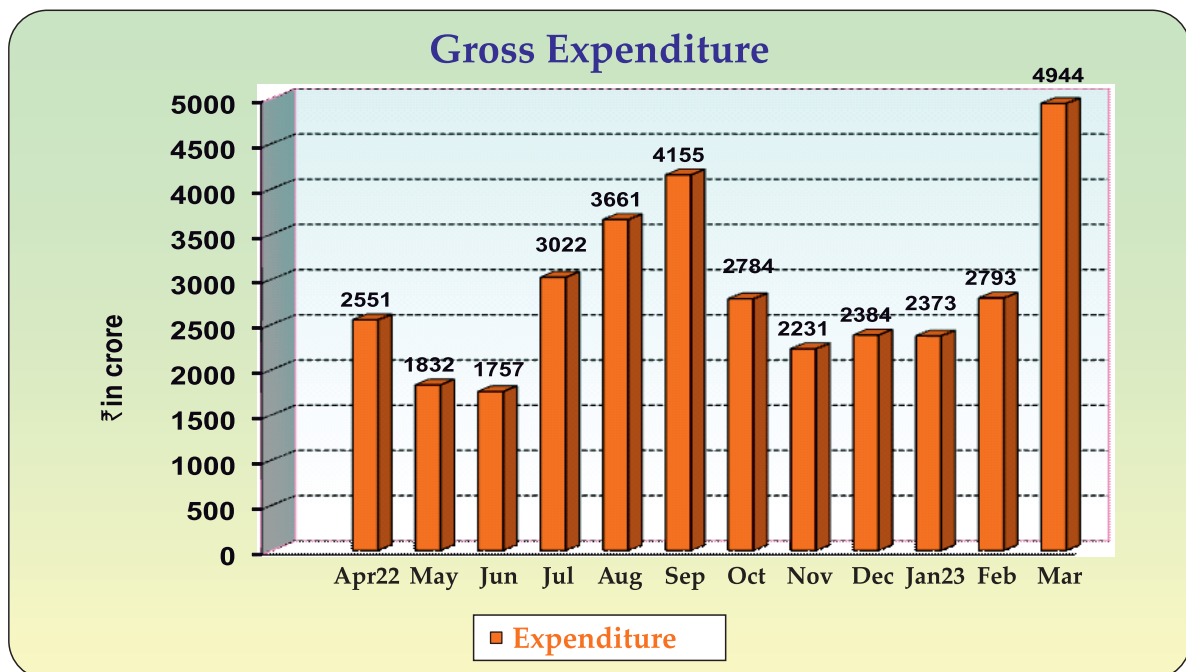


Chapter - 6

6.1 Monthly Trend of Gross Expenditure for 2022-23 (Grant No. 3)

(₹ in Crore)

| Month | Expenditure |
|---------------|--------------|
| April, 2022 | 2551 |
| May | 1832 |
| June | 1757 |
| July | 3022 |
| August | 3661 |
| September | 4155 |
| October | 2784 |
| November | 2231 |
| December | 2384 |
| January, 2023 | 2373 |
| February | 2793 |
| March | 4944 |
| Total | 34487 |

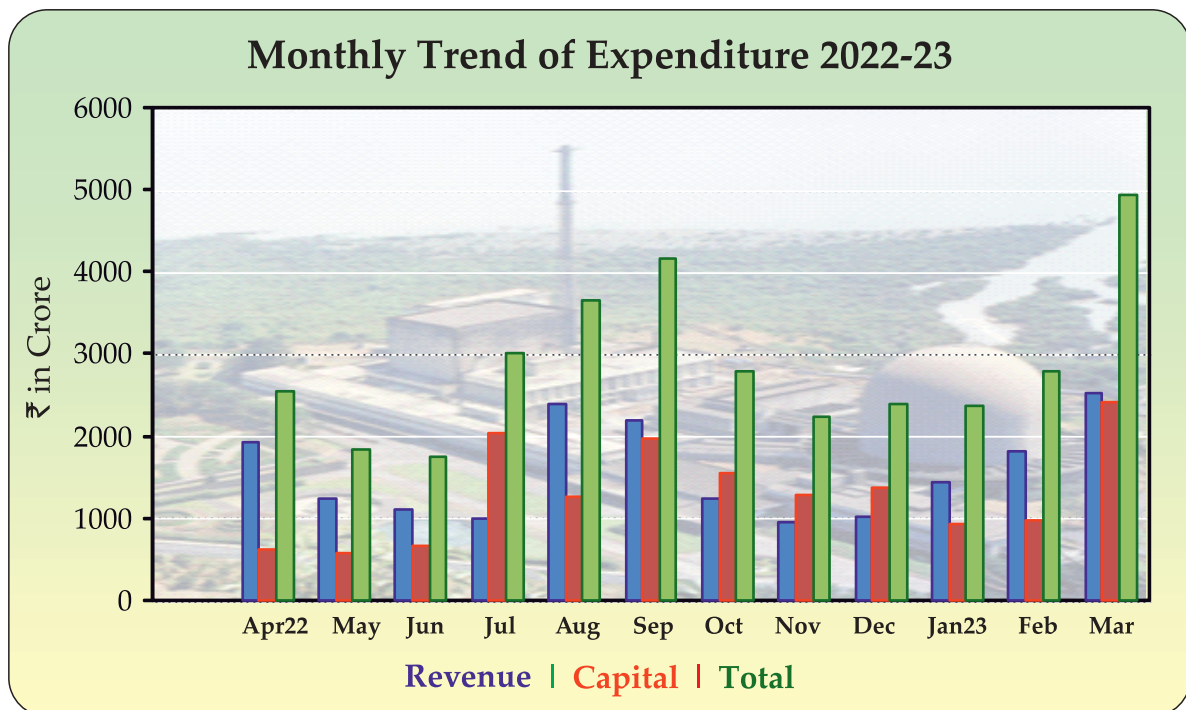




6.2 Monthly Trend of Revenue and Capital Expenditure for 2022-23 (Grant No. 3)

(₹ in Crore)

| Month | Grant No. 3 - Atomic Energy | | |
|---------------|-----------------------------|--------------|--------------|
| | Revenue | Capital | Total |
| April, 2022 | 1931 | 620 | 2551 |
| May | 1247 | 585 | 1832 |
| June | 1099 | 658 | 1757 |
| July | 989 | 2033 | 3022 |
| August | 2395 | 1266 | 3661 |
| September | 2189 | 1966 | 4155 |
| October | 1233 | 1551 | 2784 |
| November | 941 | 1290 | 2231 |
| December | 1014 | 1370 | 2384 |
| January, 2023 | 1437 | 936 | 2373 |
| February | 1808 | 985 | 2793 |
| March | 2521 | 2423 | 4944 |
| Total | 18804 | 15683 | 34487 |





Chapter - 7

Receipts of the Department during the Financial Year 2022 -23

7.1 Revenue Receipts

(₹ in Crore)

| MAJOR HEAD | B.E. | R.E. | ACTUALS |
|-------------------|----------------|----------------|----------------|
| 0801 - Power | 3340.97 | 3255.55 | 4330.56 |
| 0852 - Industries | 4015.31 | 2925.83 | 2961.69 |
| 1401 - R & D | 109.06 | 125.68 | 117.47 |
| Total | 7465.34 | 6307.06 | 7409.72 |

7.2 Recoveries Adjusted in Accounts as Reduction of Expenditure (Under Part-IV of DDG)

(₹ in Crore)

| MAJOR HEAD | B.E. | R.E. | ACTUALS |
|--------------|----------------|----------------|----------------|
| 2852 | 84.05 | 90.29 | 82.95 |
| 3401 | 71.00 | 95.50 | 63.44 |
| 4861 | 1541.84 | 1746.70 | 1851.32 |
| Total | 1696.89 | 1932.49 | 1997.71 |

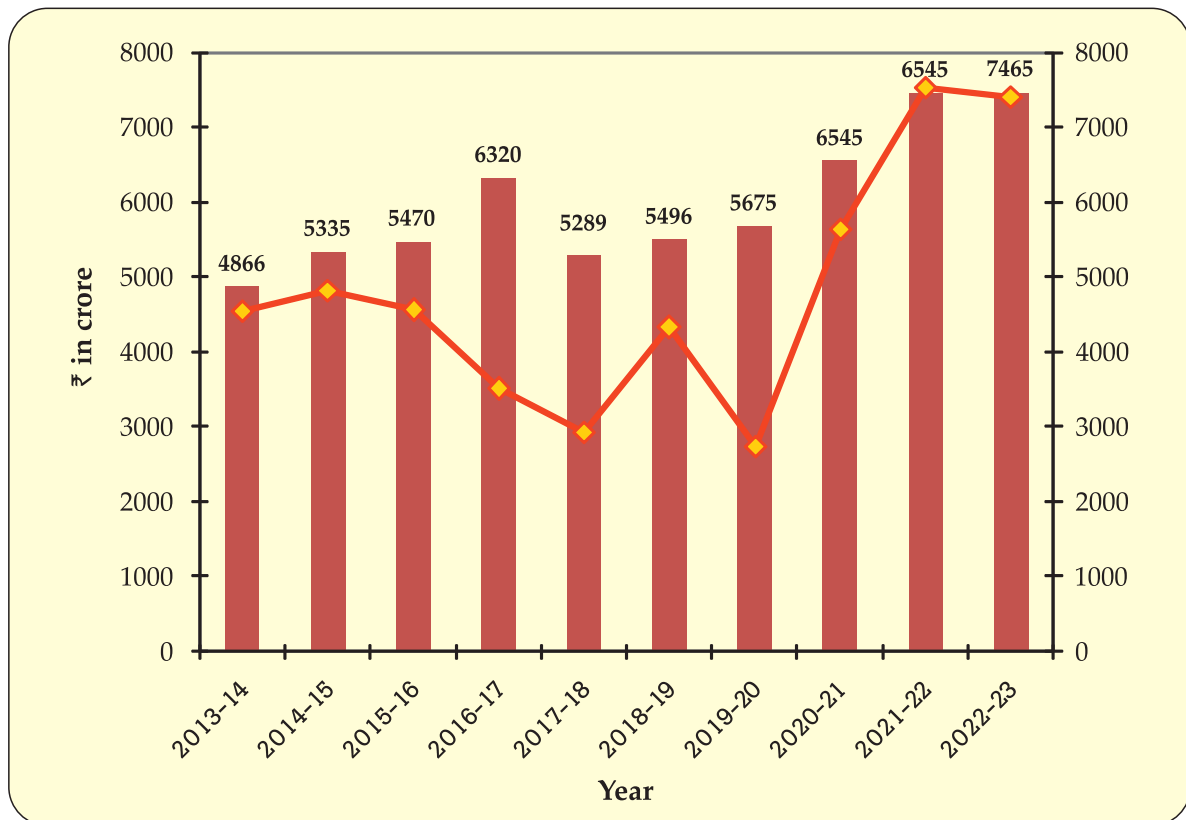


7.3 Departmental Revenue Receipts During 2013-14 to 2022-23

(₹ in Crore)

| Year | B.E. | Actuals |
|---------|------|---------|
| 2013-14 | 4866 | 4554 |
| 2014-15 | 5335 | 4826 |
| 2015-16 | 5470 | 4562 |
| 2016-17 | 6320 | 3513 |
| 2017-18 | 5289 | 2935 |
| 2018-19 | 5496 | 4331 |
| 2019-20 | 5675 | 2744 |
| 2020-21 | 6545 | 5639 |
| 2021-22 | 7455 | 7539 |
| 2022-23 | 7465 | 7410 |

Revenue Receipts 2013-14 to 2022-23



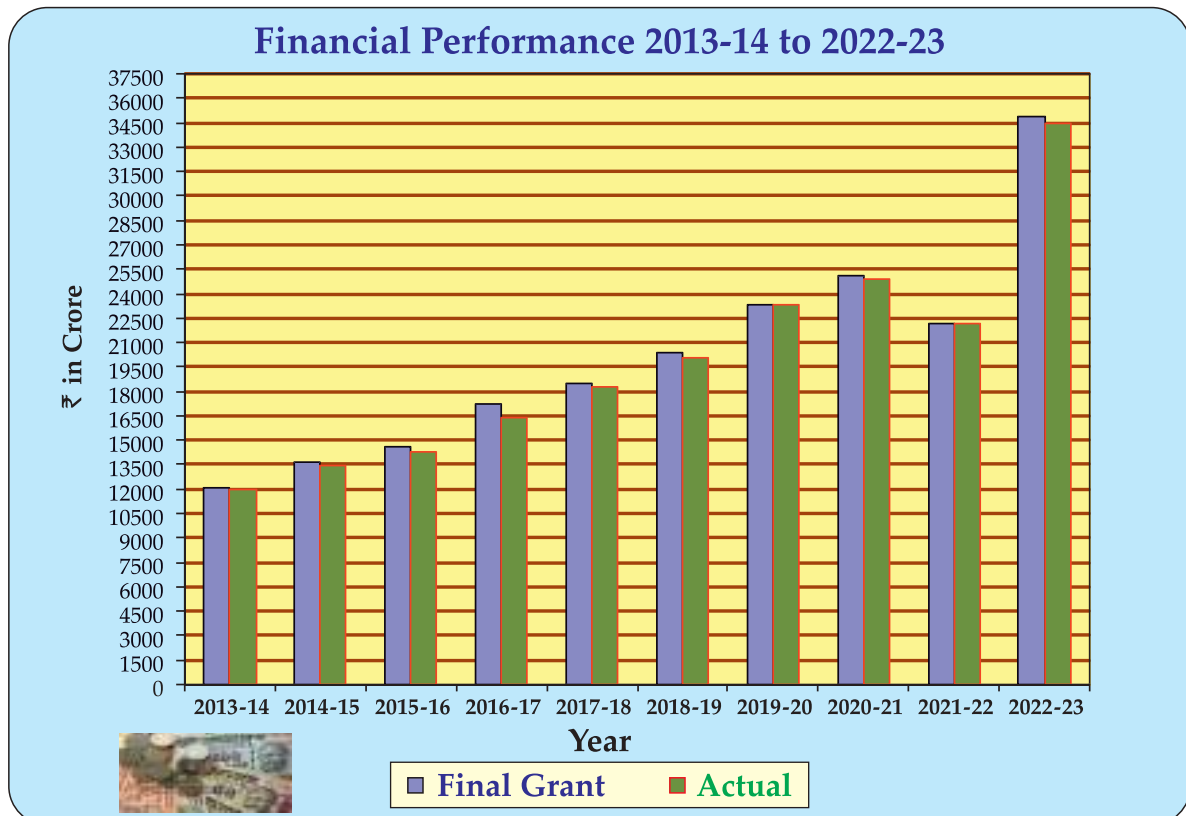
Chapter - 8

Financial Results

8.1 Financial Performance during 2013-14 to 2022-23

(₹ in Crore)

| Year | Budget + Sup.Grt. | Surrender | Final Grant | Actuals | Saving over F.G. |
|---------|-------------------|-----------|-------------|---------|------------------|
| 2013-14 | 15125 | 1514 | 13610 | 13437 | 173 |
| 2014-15 | 16147 | 1591 | 14556 | 14281 | 275 |
| 2015-16 | 17703 | 463 | 17240 | 16380 | 860 |
| 2016-17 | 20105 | 1642 | 18463 | 18238 | 225 |
| 2017-18 | 20676 | 281 | 20395 | 20067 | 328 |
| 2018-19 | 23903 | 566 | 23337 | 23303 | 34 |
| 2019-20 | 25096 | 31 | 25065 | 24880 | 185 |
| 2020-21 | 26692 | 4512 | 22180 | 22117 | 63 |
| 2021-22 | 33100 | 1200 | 31900 | 31611 | 289 |
| 2022-23 | 35508 | 613 | 34895 | 34487 | 408 |





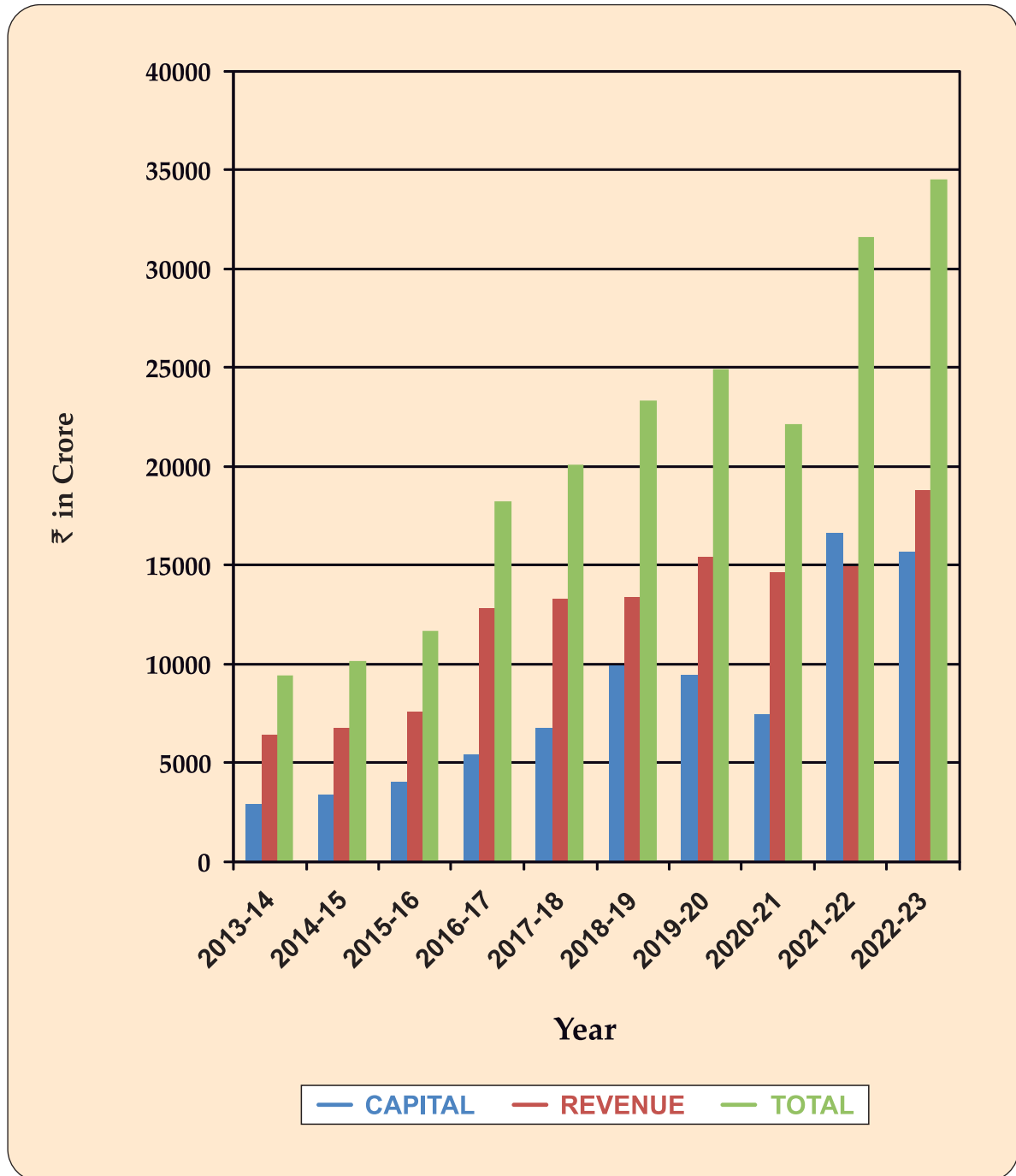
8.2 Capital & Revenue Expenditure during 2013-14 to 2022-23

(₹ in Crore)

| Year | CAPITAL | | REVENUE | | TOTAL | |
|---------|---------|--------|---------|--------|--------|--------|
| | BUDGET | ACTUAL | BUDGET | ACTUAL | BUDGET | ACTUAL |
| 2013-14 | 4122 | 2940 | 6638 | 6440 | 10760 | 9380 |
| 2014-15 | 4420 | 3394 | 6830 | 6771 | 11250 | 10165 |
| 2015-16 | 4514 | 4041 | 7640 | 7606 | 12154 | 11647 |
| 2016-17 | 7155 | 5419 | 12950 | 12819 | 20105 | 18238 |
| 2017-18 | 6878 | 6762 | 13798 | 13305 | 20676 | 20067 |
| 2018-19 | 9974 | 9956 | 13929 | 13347 | 23903 | 23303 |
| 2019-20 | 9590 | 9464 | 15506 | 15416 | 25096 | 24880 |
| 2020-21 | 10895 | 7453 | 15797 | 14664 | 26692 | 22117 |
| 2021-22 | 11403 | 16638 | 16392 | 14973 | 27795 | 31611 |
| 2022-23 | 15825 | 15683 | 19683 | 18804 | 35508 | 34487 |



8.2.1 Capital & Revenue Expenditure of Department of Atomic Energy





8.3 Receipts and recoveries during 2013-14 to 2022-23

(₹ in Crore)

| Year | RECEIPT | | RECOVERY | | TOTAL | |
|---------|---------|--------|----------|--------|--------|--------|
| | BUDGET | ACTUAL | BUDGET | ACTUAL | BUDGET | ACTUAL |
| 2013-14 | 4960 | 4960 | 197 | 255 | 5157 | 5215 |
| 2014-15 | 5453 | 5061 | 248 | 212 | 5700 | 5272 |
| 2015-16 | 5741 | 4843 | 292 | 234 | 6033 | 5076 |
| 2016-17 | 6680 | 4171 | 320 | 1268 | 7000 | 5439 |
| 2017-18 | 5682 | 3714 | 1474 | 1272 | 7155 | 4986 |
| 2018-19 | 5932 | 4589 | 1615 | 1296 | 7547 | 5885 |
| 2019-20 | 5959 | 3578 | 1483 | 1498 | 7442 | 5075 |
| 2020-21 | 6813 | 5881 | 1650 | 1034 | 8463 | 6915 |
| 2021-22 | 7897 | 7494 | 1634 | 1503 | 9531 | 8998 |
| 2022-23 | 7923 | 7848 | 1697 | 1998 | 9620 | 9846 |



Chapter - 9

Investments in PSUs

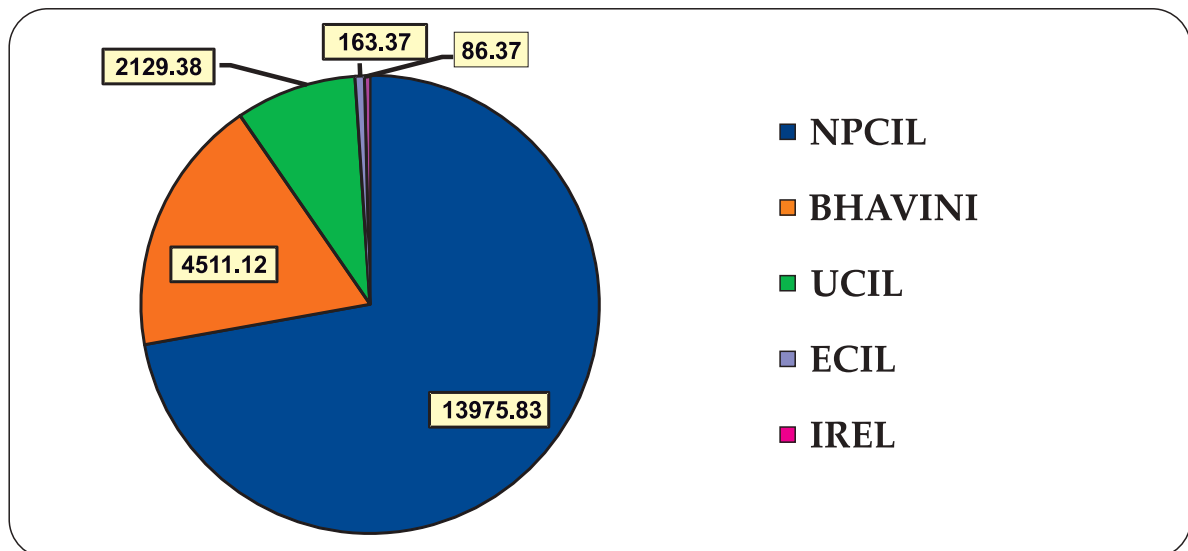
9.1 Investments in PSUs as on 31.3.2023

(₹ in Crore)

| Sl. No. | Public Sector Undertakings | Investments made as on 31.3.2022 | Investments made in 2022-23 | Total Investments as on 31.3.2023 | Dividend Received During 2022-23 |
|--------------|---|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|
| 1 | Nuclear Power Corporation of India Ltd. | 13975.83 | 1952.00 | 15927.83 | 2058.00 |
| 2 | Bhartiya Nabhikiya Vidut Nigam Ltd. | 4511.12 | 0.00 | 4511.12 | 0.00 |
| 3 | Uranium Corporation of India Ltd. | 2129.38 | 0.00 | 2129.38 | 299.24 |
| 4 | Electronics Corporation of India Ltd. | 163.37 | 0.00 | 163.37 | 68.12 |
| 5 | Indian Rare Earths Ltd. | 86.37 | 0.00 | 86.37 | 248.67 |
| Total | | 20866.07 | 1952.00 | 22818.07 | 2674.03 |

9.1.1 Investments in PSUs as on 31.03.2023

(₹ in Crore)





Chapter - 10

Loans Given to PSUs

10.1 Loans to PSUs

(₹ in Crore)

| Sl. No. | Name of the PSU | Loan Outstanding as on 31.3.2022 | Loan given during 2022-23 | Loan repaid during 2022-23 | Outstanding Loan as on 31.03.2023 |
|---------|--|----------------------------------|---------------------------|----------------------------|-----------------------------------|
| 1 | Nuclear Power Corporation of India Ltd. (NPCIL)* | 8346.88 | 4599.00 | 393.67 | 12552.21 |
| 2 | Bharatiya Nabhikiya Vidyut Nigam Ltd. (BHAVINI) | 1550.00 | 200.00 | 0.00 | 1750.00 |

* For implementation of Kudankulam Nuclear Power Projects the Russian Federation has extended 85% of the value of the contract as credit. The credit utilized and yet to be repaid is reflected as outstanding loans against NPCIL.



Chapter - 11

Sector-wise Capital & Revenue Expenditure for the year 2022-23

CAPITAL

(₹ in Crore)

| Sector | BE 2022-23 | RE 2022-23 | FG 2022-23 | Expenditure upto MARCH (SY-II) 2023 | % on BE | % on RE | % on FG |
|--------------------------------|---------------|---------------|---------------|--|------------|------------|------------|
| R & D | 2674.05 | 2345.62 | 3453.58 | 3425.29 | 128.09 | 146.03 | 99.18 |
| I & M | 5416.33 | 5582.50 | 5441.97 | 5412.47 | 99.93 | 96.95 | 99.46 |
| Power | 7734.70 | 6959.28 | 6867.31 | 6845.24 | 88.50 | 98.36 | 99.68 |
| Grant No. 3 - Atomic Energy | 15825.08 | 14887.40 | 15762.86 | 15683.00 | 99.10 | 105.34 | 99.49 |

REVENUE

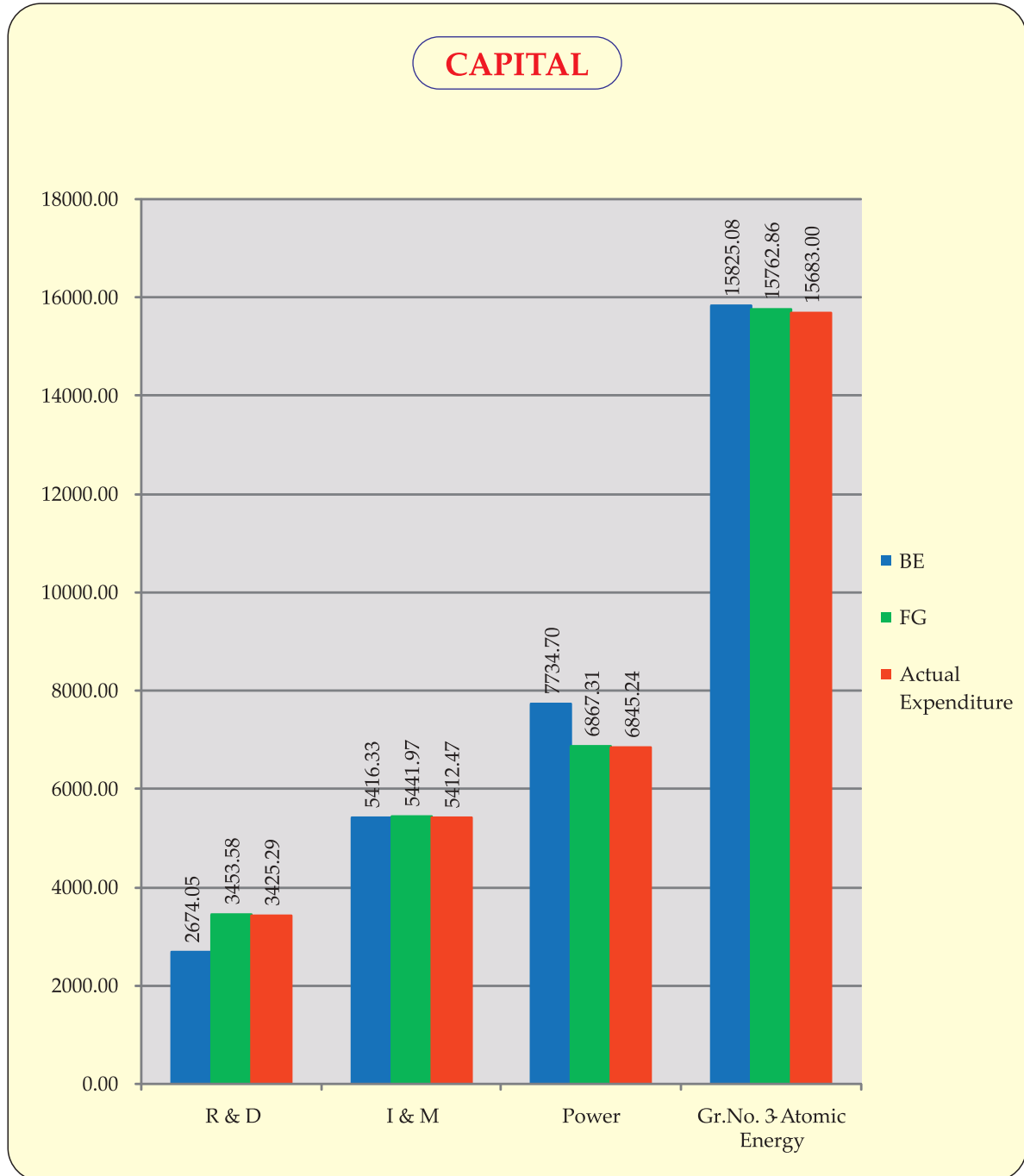
(₹ in Crore)

| Sector | BE 2022-23 | RE 2022-23 | FG 2022-23 | Expenditure upto MARCH (SY-II) 2023 | % on BE | % on RE | % on FG |
|--------------------------------|---------------|---------------|---------------|--|------------|------------|------------|
| DAE Secretariat | 68.40 | 77.58 | 67.58 | 64.93 | 94.93 | 83.69 | 96.08 |
| R & D | 7328.91 | 7810.12 | 7351.50 | 7070.19 | 96.47 | 90.53 | 96.17 |
| I & M | 4522.03 | 6277.26 | 6171.72 | 6127.03 | 135.49 | 97.61 | 99.28 |
| Power | 4599.47 | 5544.80 | 5541.65 | 5541.45 | 120.48 | 99.94 | 100.00 |
| Grant No. 3 - Atomic Energy | 16518.81 | 19709.76 | 19132.45 | 18803.60 | 113.83 | 95.40 | 98.28 |



Sector-wise Capital & Revenue Expenditure for the Year 2022-23

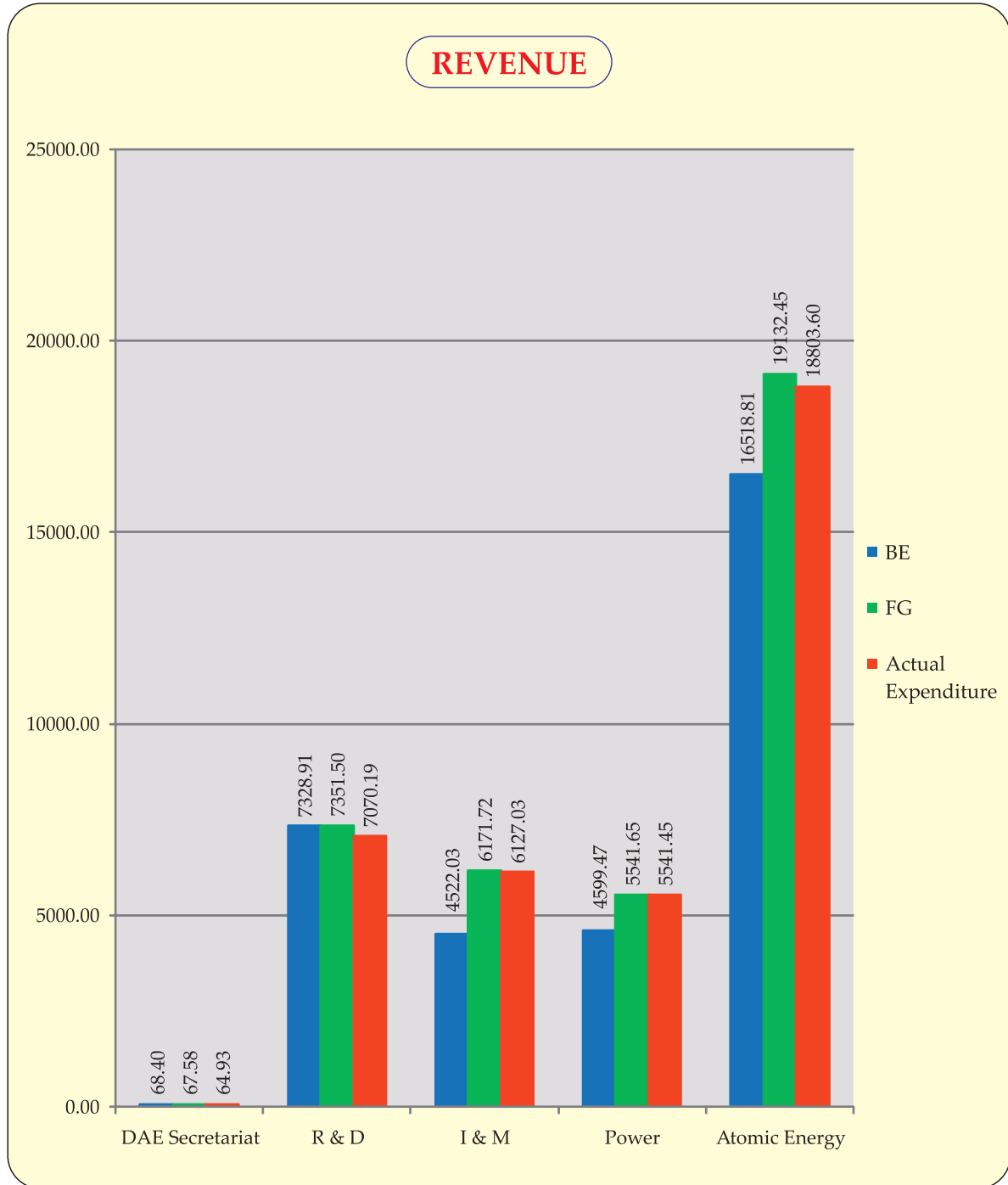
(₹ in Crore)





Sector-wise Capital & Revenue Expenditure for the Year 2022-23

(₹ in Crore)





Chapter - 12

12.1 Object Headwise Expenditure for the Year 2022-23

Grant No. : 03 - Atomic Energy

(₹ in Crore)

| Sr. No. | Object Head | Account Description | Budget Estimates | Actuals |
|---------|-------------|---------------------------------------|------------------|----------|
| 01 | 01 | SALARIES | 5013.84 | 4628.71 |
| 02 | 02 | WAGES | 3.55 | 4.87 |
| 03 | 03 | OVERTIME ALLOWANCE | 23.90 | 24.75 |
| 04 | 06 | MEDICAL TREATMENT | 1.29 | 1.16 |
| 05 | 11 | DOMESTIC TRAVEL EXPENSES | 56.32 | 55.22 |
| 06 | 12 | FOREIGN TRAVEL EXPENSES | 10.97 | 4.51 |
| 07 | 13 | OFFICE EXPENSES | 301.36 | 306.30 |
| 08 | 14 | RENTS, RATES AND TAXES | 9.21 | 9.30 |
| 09 | 16 | PUBLICATIONS | 20.70 | 35.16 |
| 10 | 20 | OTHER ADMINISTRATIVE EXPENSES | 4.15 | 5.33 |
| 11 | 21 | SUPPLIES AND MATERIALS | 8291.19 | 11091.96 |
| 12 | 24 | P.O.L. | 11.79 | 13.20 |
| 13 | 26 | ADVERTISING AND PUBLICITY | 12.20 | 7.52 |
| 14 | 27 | MINOR WORKS | 839.01 | 871.23 |
| 15 | 28 | PROFESSIONAL SERVICES | 613.48 | 693.06 |
| 16 | 30 | OTHER CONTRACTUAL SERVICES | 40.50 | 32.03 |
| 17 | 31 | GRANTS-IN-AID GENERAL | 393.71 | 439.15 |
| 18 | 32 | CONTRIBUTIONS | 763.68 | 1708.00 |
| 19 | 34 | SCHOLARSHIPS / STIPEND | 38.64 | 35.05 |
| 20 | 35 | GRANTS FOR CREATION OF CAPITAL ASSETS | 1269.36 | 769.54 |
| 21 | 36 | GRANTS-IN-AID SALARIES | 1441.23 | 1689.72 |
| 22 | 45 | INTEREST | 1500.00 | 1500.00 |

continue.....



(₹ in Crore)

| Sr. No. | Account Code | Account Description | Budget Estimates | Actuals |
|--------------|--------------|---------------------------|------------------|-----------------|
| 23 | 50 | OTHER CHARGES | 37.20 | 43.78 |
| 24 | 51 | MOTOR VEHICLES | 15.79 | 8.60 |
| 25 | 52 | MACHINERY AND EQUIPMENT | 1437.82 | 1276.85 |
| 26 | 53 | MAJOR WORKS | 2357.49 | 2078.28 |
| 27 | 54 | INVESTMENTS | 1176.12 | 1952.00 |
| 28 | 55 | LOANS AND ADVANCES | 6397.00 | 4799.00 |
| 29 | 60 | OTHER CAPITAL EXPENDITURE | 262.40 | 403.01 |
| Total | | Atomic Energy | 32343.89 | 34487.31 |

Surrender amount of Rs 612.85 cr during 2022-23 was mainly due to below:

- Reduction in pay and allowance by Rs 264.79 cr owing to change in eligibility criteria for payment towards Performance Related Incentive Scheme (Organization).
- Technical surrender of Rs 18 cr from Voted to meet other maintenance charges and payment of Arbitral Award declared by Hon'ble Supreme Court.



Chapter - 13

13. Statement Showing Composite Grants For The Financial Year 2022-23

(₹ in Crore)

| HEAD OF ACCOUNT | Amount |
|--|---------------|
| GRANT No: 39 | |
| 2049- Interest Payments | |
| Interest on State Provident Fund | 202.36 |
| Total : M.H. - 2049 | 202.36 |
| GRANT No: 41 | |
| 2071- Pension & Other Retirement Benefits | |
| Superannuation & Retirement Allowance | 2.82 |
| Commuted Value of Pension | 178.48 |
| Gratuities | 181.12 |
| Family Pension | 1.38 |
| Contribution to Provident Fund | 2.93 |
| Leave Encashment Benefit | 135.45 |
| Government Contribution - New Pension Scheme | 180.92 |
| Deduct Recoveries | -1.80 |
| Total : M.H. - 2071 | 681.30 |
| 2235- Social Security & Welfare | |
| Deposit Linked Insurance Scheme (GPF/CPF) | 0.27 |
| C.G.E.I.S. | 0.00 |
| Total : M.H. - 2235 | 0.27 |
| GRANT No: 30 | |
| 7610- Loans to Govt. Servants etc. | |
| House Building Advance | 3.50 |
| Computer Advances | 0.82 |
| Total : M.H. - 7610 | 4.32 |



Chapter - 14

14.1 Internal Inspection Wing

Internal Inspection Wing functioning under the CCA is responsible for test checking the initial accounts records, subsidiary register maintained in the Accounting formation of the Department as also of the executive officers with a view to ensure that the initial records are maintained properly after following adequate rules & regulations, systems & procedures and financial matters.

Inspection of all Pay & Accounts Offices, Cheque Drawing DDOs, Sub-Pay Officers of Constituent Units, Executive Offices, Principal Accounts Office of DAE and Aided Institutes under the control of the Department has been carried out as per the approved Annual Inspection Programmes.

Regular monitoring and review of ATNs, Audit Notes on APMS Portal (Audit Para Monitoring System) of C&AG are carried out. Replies to ATNs duly vetted are uploaded on APMS portal.

14.2 Objectives and Scope of Audit

The objective of the internal inspection is not merely to point out omissions and defects in accounting system, but also to extend all possible assistance to various Units of the Department to ensure uniform financial and accounting procedures in the matter of payment and maintenance of various accounts. The success of the scheme would lie in its ability to ensure the adoption of sound procedures, regularity and accuracy of accounts, and offering suggestions in the areas of economy in Government expenditure to ensure better financial discipline in the conduct of Government transactions.

The Internal Inspection Wing shall be responsible for test checking the initial accounts records, subsidiary register maintained in the accounting formation of the Department as also of the executive offices with a view to ensure that the rules and regulations are followed correctly, and systems and procedures regarding accounting and financial matters are adequate. The internal inspection shall inter-alia cover checking of all accounts records including those relating to fund accounts, loans and advances and records pertaining to purchases, civil works, review of the installation and operating efficiency of expensive equipment and machineries, and examination of records pertaining to physical verification of stores & equipment, tools & plants. In addition, all the relevant records maintained by the Administration are also inspected.



The scope of work of Internal Inspection Wing stands widened to include performance review of the identified schemes/ projects, based on criteria of budgetary allocations, existing internal controls of monitoring and evaluation, release of funds and their utilization.

14.3 Targets fixed for audit achievements

| Units due for audit during the year | Target for the year | Units audited during the year | Arrear, if any | Reasons for arrears |
|-------------------------------------|---------------------|-------------------------------|----------------|---|
| 52 | 27 | 21 | 31 | Year-wise Audit backlog and reduction in audit team |

14.4 Public Sector Undertakings, Grantee Institutions and Banks etc. audited during the year.

Though the Grant-in-Aid to fully Aided Institutions under the administrative control of the Department is far in excess of Rs.25 lakh per annum, the accounts of the following Aided Institutions were audited during 2022-23.

- (a) Homi Bhabha National Institute (HBNI), Mumbai
- (b) Institute for Plasma Research (IPR), Gandhinagar
- (c) Institute of Mathematical Sciences (IMSc), Chennai
- (d) International Centre for Theoretical Sciences (ICTS), Bangalore
- (e) National Centre for Biological Sciences (NCBS), Bangalore
- (f) Bhubaneswar Borooah Cancer Institute (BBCI), Guwahati
- (g) Atomic Energy Education Society (AEES), Mumbai
- (h) Tata Institute of Fundamental Research (TIFR), Mumbai



14.5 Status of Audit paras

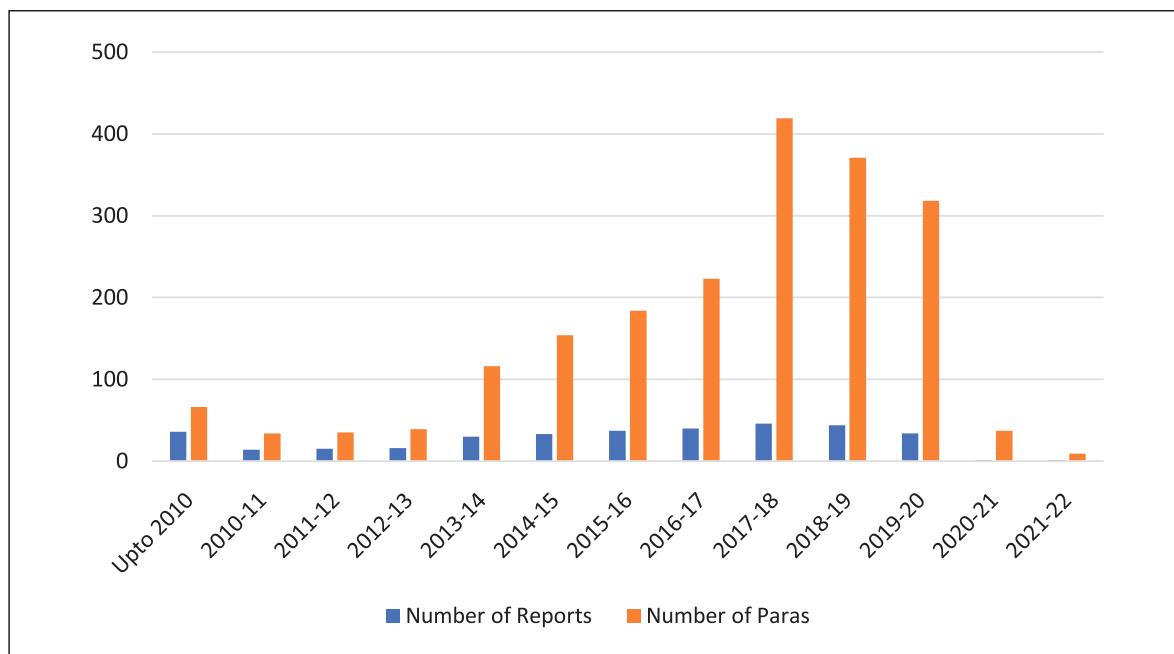
| Number of paras outstanding at the beginning of the year (01.04.2022) | | Number of paras settled during the year | Number of paras raised during the year | Number of paras outstanding at the end of the year (31.03.2023) |
|---|------|---|--|---|
| Internal Audit Paras | 2480 | 764 | 289 | 2005 |
| Statutory Audit paras | 913 | 304 | 440 | 1049 |

14.5.1 Table - I YEAR WISE DETAILS OF IIW REPORTS & PARAS OUTSTANDING AS ON 31.3.2023

| Year of Audit Period | Number of Reports | Number of Paras |
|----------------------|-------------------|-----------------|
| Upto 2010 | 36 | 66 |
| 2010-11 | 14 | 34 |
| 2011-12 | 15 | 35 |
| 2012-13 | 16 | 39 |
| 2013-14 | 30 | 116 |
| 2014-15 | 33 | 154 |
| 2015-16 | 37 | 184 |
| 2016-17 | 40 | 223 |
| 2017-18 | 46 | 419 |
| 2018-19 | 44 | 371 |
| 2019-20 | 34 | 318 |
| 2020-21 | 1 | 37 |
| 2021-22 | 1 | 09 |
| TOTAL | 347 | 2005 |



14.5.1 Table – I
YEAR WISE DETAILS OF IIW REPORTS & PARAS
OUTSTANDING AS ON 31.3.2023

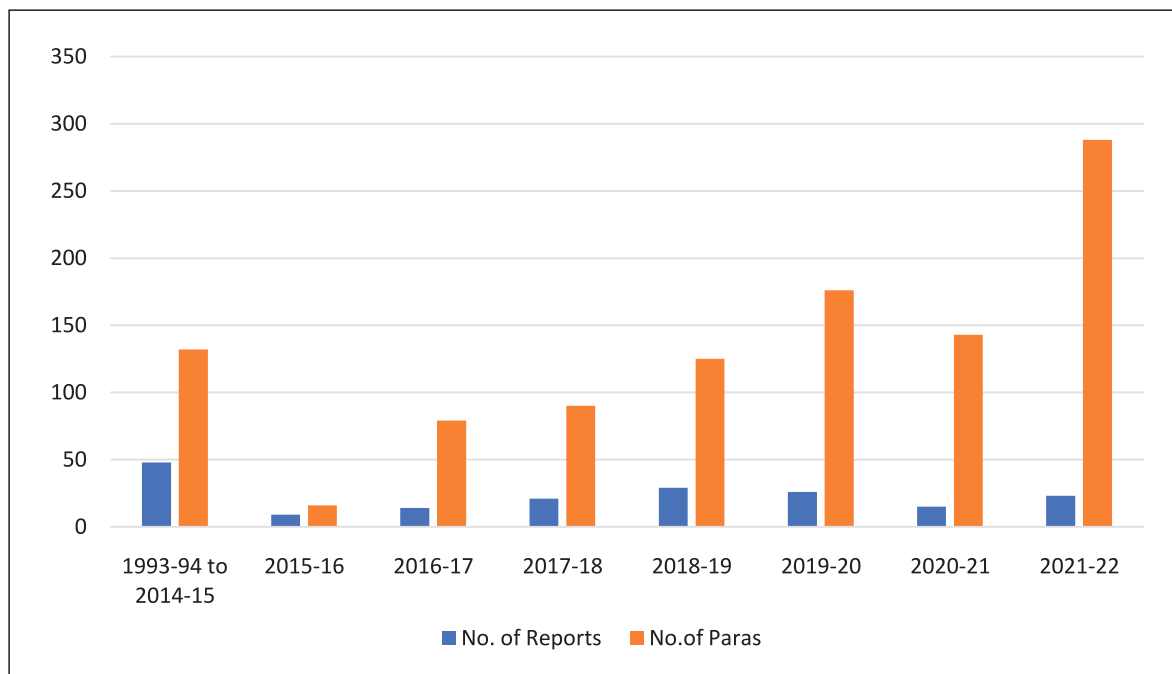


14.5.2 Table - II
YEAR WISE DETAILS OF STATUTORY REPORTS & PARAS
OUTSTANDING AS ON 31.3.2023

| Year of Issue of Report | Number of Reports | Number of Paras |
|-------------------------|-------------------|-----------------|
| 1993-1994 to 2014-15 | 48 | 132 |
| 2015-16 | 9 | 16 |
| 2016-17 | 14 | 79 |
| 2017-18 | 21 | 90 |
| 2018-19 | 29 | 125 |
| 2019-20 | 26 | 176 |
| 2020-21 | 15 | 143 |
| 2021-22 | 23 | 288 |
| TOTAL | 185 | 1049 |



14.5.2 Table – II
YEAR WISE DETAILS OF STATUTORY REPORTS & PARAS
OUTSTANDING AS ON 31.03.2023



14.5.3 Unit wise Status of IIW Paras

| Name of DAE Unit/ Aided Institute | Number of Outstanding IIW paras as on 31.3.2022 |
|--|---|
| Bhabha Atomic Research Centre (BARC) | 200 |
| Variable Energy Cyclotron Centre (VECC) | 125 |
| Saha Institute of Nuclear Physics (SINP) | 125 |
| General Service Organisation, Kalpakkam [GSO(K)] | 84 |
| National Institute of Science Education & Research (NISER) | 82 |
| Institute of Physics (IOP) | 66 |
| Tata Institute of Fundamental Research (TIFR) | 66 |

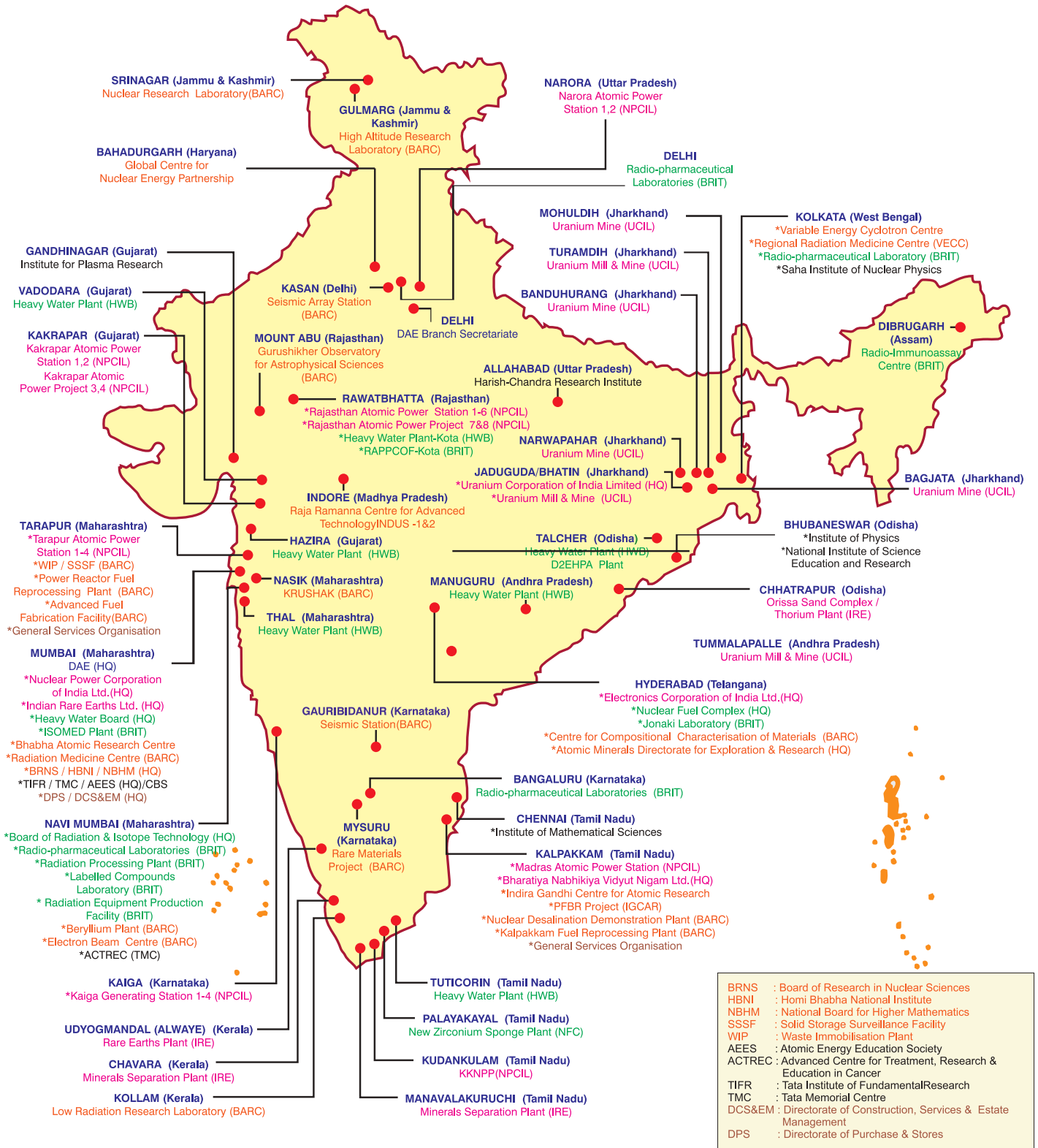


| Name of DAE Unit/ Aided Institute | Number of Outstanding IIW paras as on 31.3.2022 |
|---|---|
| Nuclear Recycle Board (NRB), Kalpakkam | 62 |
| Institute for Plasma Research (IPR) | 61 |
| Rare Materials Project (RMP) | 59 |
| Department of Atomic Energy (DAE) | 53 |
| Dr. Bhubaneswar Borooach Cancer Institute (BBCI) | 52 |
| Raja Ramanna Centre for Advance Technology (RRCAT) | 51 |
| Nuclear Recycle Board (T) | 49 |
| National Centre for Biological Sciences (NCBS) | 49 |
| Indira Gandhi Centre for Atomic Research (IGCAR) | 47 |
| Directorate of Purchase & Stores (DPS) | 45 |
| National Centre for Radio Astrophysics (NCRA) | 44 |
| Nuclear Fuel Complex (NFC) | 39 |
| Atomic Energy Regulatory Board (AERB) | 38 |
| Harish-Chandra Research Institute (HRI) | 38 |
| Tata Memorial Centre (TMC) | 38 |
| Advance Centre for Treatment, Research & Education in Cancer (ACTREC) | 33 |
| Heavy Water Plant (HWP), Talcher | 31 |
| Heavy Water Plant (HWP), Kota | 30 |
| Regional Purchase Unit, Manuguru (RPUM) | 30 |
| Atomic Energy Education Society (AEES) | 30 |
| Heavy Water Board (HWB) | 29 |
| Zirconium Complex (ZC) | 29 |



| Name of DAE Unit/ Aided Institute | Number of Outstanding IIW paras as on 31.3.2022 |
|--|---|
| Institute for Mathematical Sciences (IMSc) | 27 |
| Directorate of Construction, Services & Estate Management (DCSEM) | 25 |
| Atomic Minerals Directorate for Exploration & Research (AMD), Tata Nagar | 23 |
| Homi Bhabha Centre for Health & Research Centre, (HBCH&RC) | 23 |
| Atomic Minerals Directorate for Exploration & Research (AMD), Jaipur | 22 |
| Bhabha Atomic Research Centre (BARC), Vizag | 21 |
| Atomic Minerals Directorate for Exploration & Research (AMD), Hyderabad | 19 |
| Atomic Minerals Directorate for Exploration & Research (AMD), Bangalore | 17 |
| Atomic Minerals Directorate for Exploration & Research (AMD), Nagpur | 17 |
| Board of Radiation & Isotope Technology (BRIT) | 17 |
| Madras Regional Purchase Unit (MRPU) | 16 |
| Centre for Excellence in Basic Sciences (CEBS) | 15 |
| Institute of Plasma Research-Centre for Plasma Physics (IPR-CPP) | 13 |
| Heavy Water Plant (HWP), Manuguru | 11 |
| Nuclear Recycle Board (NRB), Mumbai | 10 |
| Atomic Energy Education Society, Hyderabad [AEES(HYD)] | 10 |
| Atomic Minerals Directorate for Exploration & Research (AMD), Shillong | 9 |
| International Centre for Theoretical Sciences (ICTS) | 9 |
| Heavy Water Plant (HWP), Tuticorin | 6 |
| Atomic Minerals Directorate for Exploration & Research (AMD), Delhi | 5 |
| Heavy Water Plant (HWP), Baroda | 5 |
| TOTAL | 2005 |

ATOMIC ENERGY ESTABLISHMENTS IN INDIA



| | |
|--------|---|
| BRNS | : Board of Research in Nuclear Sciences |
| HBNI | : Homi Bhabha National Institute |
| NBHM | : National Board for Higher Mathematics |
| SSSF | : Solid Storage Surveillance Facility |
| WIP | : Waste Immobilisation Plant |
| AEES | : Atomic Energy Education Society |
| ACTREC | : Advanced Centre for Treatment, Research & Education in Cancer |
| TIFR | : Tata Institute of Fundamental Research |
| TMC | : Tata Memorial Centre |
| DCS&EM | : Directorate of Construction, Services & Estate Management |
| DPS | : Directorate of Purchase & Stores |

Research & Development Organisations
 Public Sector Undertakings
 Industrial Facilities
 Grant-in-aid Organisations
 Service Organisations



National Hadron Beam Therapy at ACTREC Navi Mumbai