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सत्यमेव जयते

GOVERNMENT OF INDIA

DETAILS OF  
DEMANDS FOR GRANTS  
OF  
DEPARTMENT OF ATOMIC  
ENERGY  
FOR  
1972-73

[The recommendations of the President required under Article 113(3) of the Constitution of India has been obtained]

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*J. R. ...*

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## DEMANDS FOR GRANTS, 1972-73.

(In thousands of Rupees)

	Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
MAHARASHTRA—contd.				
A.—SECRETARIAT—contd.				
A.—MAIN SECRETARIAT—contd.				
DELHI OFFICE				
A.1(1).—ESTABLISHMENT CHARGES :				
Salary of Officers . . . . .	..	..	33	34
Salary of Establishments . . . . .	..	..	48	54
Dearness pay and allowance . . . . .	..	..	36	39
Other allowances . . . . .	..	..	36	56
TOTAL—ESTABLISHMENT CHARGES . . . . .			1,53	1,83
A.1(2).—INTERIM RELIEF . . . . .	..	..	9	11
A.1(3).—TRAVELLING EXPENSES . . . . .	..	..	7	8
A.1(4).—OTHER CHARGES . . . . .	..	..	1,35	1,80
TOTAL—DELHI OFFICE . . . . .	..	@	3,04	3,82
MADRAS OFFICE				
A1.(1).—ESTABLISHMENT CHARGES :				
Salary of Officers . . . . .	..	..	51	60
Salary of Establishments . . . . .	..	..	18	22
Dearness pay and allowance . . . . .	..	..	11	12
Other allowances . . . . .	..	..	15	18
TOTAL—ESTABLISHMENT CHARGES . . . . .	..	..	95	1,12
A.1(2).—INTERIM RELIEF . . . . .	..	..	2	4
A. (3).—TRAVELLING EXPENSES . . . . .	..	..	10	12
A.1(4).—OTHER CHARGES . . . . .	..	..	36	20
TOTAL—MADRAS OFFICE . . . . .	..	@	1,43	1,48
TOTAL—MAIN SECRETARIAT . . . . .	20,45	21,82	21,82	23,57
A 2.—ATOMIC ENERGY COMMISSION :				
A.2(1).—COMMISSION SECRETARIAT:				
A.2(1)(1).—ESTABLISHMENT CHARGES :				
Salary of Officers . . . . .	89	95	95	95
Salary of Establishments . . . . .	8	7	7	8
Dearness pay and allowance . . . . .	6	7	7	8
Other allowances . . . . .	9	9	7	7
TOTAL—ESTABLISHMENT CHARGES . . . . .	1,12	1,18	1,16	1,18

@Provision included under Bombay Office.

AE—B

No. 85—DEPARTMENT OF ATOMIC ENERGY

(In thousands of Rupees)

	Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
<b>MAHARASHTRA—contd.</b>				
<b>A.—SECRETARIAT—contd.</b>				
<b>A.2—ATOMIC ENERGY COMMISSION—concl.</b>				
<b>A.2(1)—COMMISSION SECRETARIAT—concl.</b>				
A.2(1)(2)—INTERIM RELIEF	1	2	2	3
A.2(1)(3)—TRAVELLING EXPENSES	1,76	1,25	1,50	1,25
A.2(1)(4)—OTHER CHARGES :	59	27	37	36
<b>TOTAL—COMMISSION SECRETARIAT</b>	<b>3,48</b>	<b>2,72</b>	<b>3,05</b>	<b>2,82</b>
<b>A. 2(2)—PROGRAMME ANALYSIS GROUP:</b>				
<b>A. 2(2)(1)—ESTABLISHMENT CHARGES:</b>				
Salary of Officers	56	98	1,05	
Salary of Establishments	9	14	24	
Dearness pay and allowance	12	22	29	
Other allowances	16	36	37	
<b>TOTAL—ESTABLISHMENT CHARGES</b>	<b>93</b>	<b>1,70</b>	<b>1,95</b>	
A.2(2)(2)—INTERIM RELIEF	4	8	10	
A. 2(2)(3)—TRAVELLING EXPENSES	25	20	20	
A.2(2)(4)—OTHER CHARGES	13	56	80	
A.2(2)(5)—PAYMENTS TO OTHER GOVERNMENTS, DEPARTMENTS ETC.	..	..	2	
<b>TOTAL—PROGRAMME ANALYSIS, ETC.</b>	<b>1,35</b>	<b>2,54</b>	<b>3,07</b>	<b>@</b>
<b>TOTAL—ATOMIC ENERGY COMMISSION</b>	<b>4,83</b>	<b>5,26</b>	<b>6,12</b>	<b>2,82</b>
<b>A.3.—PUBLICITY DIVISION:</b>				
<b>A.3(1)—ESTABLISHMENT CHARGES:</b>				
Salary of Officers	57	65	64	68
Salary of Establishments	22	31	30	34
Dearness pay and allowance	20	27	29	31
Other allowances	21	26	20	24
<b>TOTAL—ESTABLISHMENT CHARGES</b>	<b>1,20</b>	<b>1,49</b>	<b>1,43</b>	<b>1,57</b>
A.3(2)—INTERIM RELIEF	6	7	8	10
A.3(3)—TRAVELLING EXPENSES	52	32	45	45
A.3(4)—OTHER CHARGES	65	63	59	63
<b>TOTAL—PUBLICITY DIVISION</b>	<b>2,43</b>	<b>2,51</b>	<b>2,55</b>	<b>2,75</b>

@ Provision made in Demand No. 86

AE—B

(In thousands of Rupees)

	Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
<b>MAHARASHTRA.—concl'd.</b>				
<b>A.—SECRETARIAT—concl'd.</b>				
<b>A. 4.—TECHNICAL LIAISON MISSION :</b>				
<b>A.4(1).—ESTABLISHMENT CHARGES :</b>				
Salary of Officers	68	88	44	
Salary of Establishments	30	30	26	
Dearness pay and allowance	4	6	3	
Other allowances	50	71	66	
<b>TOTAL—ESTABLISHMENT CHARGES.</b>	<b>1,52</b>	<b>1,95</b>	<b>1,39</b>	
A.4(2).—INTERIM RELIEF	1	2	1	
A.4(3).—TRAVELLING EXPENSES	44	38	30	
A.4(4).—OTHER CHARGES	1,09	1,37	1,30	
<b>TOTAL—TECHNICAL LIAISON MISSION</b>	<b>3,06</b>	<b>3,72</b>	<b>3,00</b>	<b>@</b>
<b>TOTAL—SECRETARIAT</b>	<b>30,77</b>	<b>33,31</b>	<b>33,49</b>	<b>29,14</b>
<b>B.—PAY AND ACCOUNTS OFFICE :</b>				
<b>B. 1.—ESTABLISHMENT CHARGES :</b>				
Salary of Officers	17	17	19	19
Salary of Establishments	77	85	68	76
Dearness pay and allowance	49	50	48	50
Other allowances	32	35	33	36
<b>TOTAL—ESTABLISHMENT CHARGES</b>	<b>1,75</b>	<b>1,87</b>	<b>1,68</b>	<b>1,81</b>
B.2.—INTERIM RELIEF	11	11	12	15
B.3.—TRAVELLING EXPENSES	3	4	4	4
<b>TOTAL—PAY AND ACCOUNTS OFFICE</b>	<b>1,89</b>	<b>2,02</b>	<b>1,84</b>	<b>2,00</b>
<b>C.—GRANTS-IN-AID, CONTRIBUTIONS, ETC:</b>				
	1	1	1	1
<b>D.—MISCELLANEOUS :</b>				
<b>D.1.—HOSPITALITY AND ENTERTAINMENT EXPENSES</b>				
	76	65	65	65
<b>TOTAL—MAHARASHTRA—(NON-PLAN)</b>	<b>33,43</b>	<b>35,99</b>	<b>35,99</b>	<b>31,80</b>

@Provision made in Demand No. 86

A.E.—B

DEMAND No. 86

ATOMIC ENERGY RESEARCH AND NUCLEAR POWER SCHEMES

Voted : Fifty-four Crores, Ninety Lakhs and Seventy-six Thousands Rupees.

(In thousands of Rupees)

Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
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The DETAILS are as follows :

MAHARASHTRA

MAJOR HEAD "27"

A.—SCIENTIFIC DEPARTMENTS :

A.1.—ATOMIC ENERGY RESEARCH EXPENDITURE :

A.1(1).—BHABHA ATOMIC RESEARCH CENTRE :

A. 1 (1)(1).—RESEARCH AND DEVELOPMENT DIVISIONS	{ NON-PLAN PLAN	8,33,08 68,56	8,79,65 71,07	8,35,76 45,05	9,20,19 85,45
A. 1 (1)(2).—COMMON SERVICES DIVISIONS	{ NON-PLAN PLAN	2,12,54 3,33	2,15,78 3,00	2,03,60 5,86	1,77,71 21,31
TOTAL.—BHABHA ATOMIC RESEARCH CENTRE	{ NON-PLAN PLAN	11,17,51 10,45,62 71,89	11,69,50 10,95,43 74,07	10,90,27 10,39,36 50,91	12,04,66 10,97,90 1,06,76
A. 1(2).—ATOMIC MINERALS DIVISION	{ NON-PLAN PLAN	1,26,94 8,02	1,39,11 14,79	1,34,02 18,78	1,39,86 23,57
A.1(3).—OTHER RESEARCH EXPENDITURE (NON-PLAN)		7,68	16,26	20,34	23,22
A. 1 (4).—ELECTRONICS COMMITTEE SCHEMES (NON-PLAN)		2,70	15,00	8,00	10,25
A. 1(5).—OPERATIONAL EXPENSES OF REACTOR RESEARCH CENTRE (PLAN)		2,91	27,45	21,48	27,54
A. 1(6).—OTHER ELECTRONICS COMMITTEE SCHEMES OF THE DEPARTMENT OF ATOMIC ENERGY (NON-PLAN)		5	14,27	13,61	5,20
TOTAL—ATOMIC ENERGY RESEARCH EXPENDITURE	{ NON-PLAN PLAN	12,65,81 11,82,99 82,82	13,96,38 12,80,07 1,16,31	13,06,50 12,15,33 91,17	14,34,30 12,76,43 1,57,87

AE—B

(In thousands of Rupees)

	Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate 1971-72	Budget Estimate 1972-73
<b>MAHARASHTRA—contd.</b>				
<b>A.—SCIENTIFIC DEPARTMENTS—concl'd.</b>				
A.2.—GRANTS-IN-AID AND DONATIONS TO SCIENTIFIC SOCIETIES AND INSTITUTES				
{ Non-Plan	6,92,84	10,04,40	6,69,64	7,08,29
{ Plan	1,81,47	3,12,17	5,49,61	9,68,22
A.3.—WORKS :				
A. 3 (1).—ESTATE MANAGEMENT				
{ Non-Plan	41,14	50,98	51,68	46,69
{ Plan	4,32	10,73	8,85	14,88
A.4.—ATOMIC POWER AUTHORITY (NON-PLAN)	77	2,42	13,66	6,00
A.5.—ATOMIC ENERGY REGULATORY AUTHORITY	..	1,00	11,25	43,00
<b>TOTAL—SCIENTIFIC DEPARTMENTS</b>	<b>21,86,35</b>	<b>27,78,08</b>	<b>26,01,19</b>	<b>32,21,38</b>
{ Non-Plan	19,17,74	23,38,87	19,51,56	20,80,41
{ Plan	2,68,16	4,39,21	6,49,63	11,40,97
<b>MAJOR HEAD "35"</b>				
<b>—INDUSTRIAL PROJECTS OF ATOMIC ENERGY DEPARTMENT :</b>				
B.1.—BHABHA ATOMIC RESEARCH CENTRE.				
(NON-PLAN)	1,12,11	1,12,88	1,18,17	1,24,72
B.2.—POWER PROJECTS ENGINEERING DIVISION (PLAN)	20,63	10,00	35,37	50,90
B. 3.—OPERATIONAL COST OF NUCLEAR FUEL PLANTS:				
{ Non-Plan	3,59,86	4,98,84	4,29,40	6,11,83
{ Plan	5,00	11,16	9,37	22,73
B. 4.—PROGRAMME ANALYSIS GROUP (NON-PLAN)	..	..	..	34,41
B.5.—TECHNICAL LIAISON MISSION (NON-PLAN)	..	..	..	3,56
<b>TOTAL—INDUSTRIAL PROJECTS, ETC.</b>	<b>4,97,60</b>	<b>6,32,88</b>	<b>5,92,31</b>	<b>8,17,15</b>
{ Non-Plan	4,71,97	6,11,72	5,47,57	7,43,52
{ Plan	25,63	21,16	44,74	73,63

A.E.—B.

No. 8 ATOMIC ENERGY RESEARCH AND NUCLEAR POWER SCHEMES 7

(In thousands of Rupees)

Actuals, 1970-71      Budget Estimate, 1971-72      Revised Estimate, 1971-72      Budget Estimate, 1972-73

MAHARASHTRA—contd.

MAJOR HEAD "45"

C.—ELECTRICITY SCHEMES :

(Non-Plan)

C.1.—NUCLEAR POWER SCHEMES :

C. 1(1).—OPERATIONAL EXPENSES OF TARAPUR ATOMIC POWER STATION :

C.1 (1)(1).—WORKING EXPENSES:

C. 1(1)(1)(1).—WORKS	94	1	4,41	70
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C. 1(1)(1)(2).—PROPER MAINTENANCE.	28,80	5,21,00	4,00,01	5,45,36
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C. 1 (1)(1)(3).—TRANSFER TO DEPRECIATION RESERVE FUND	2,39,09	2,34,00	2,31,50	2,38,00
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C. 1 (1)(1)(4).—TRANSFER TO CONTINGENCY RESERVE FUND :	33,75	34,00	34,00	47,82
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C. 1 (1)(1)(5).—ESTABLISHMENT CHARGES	21,40	23,80	25,37	32,31
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C.1(1)(1)(6).—INTERIM RELIEF	..	93	1,28	1,66
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C.1(1)(1)(7).—TOOLS AND PLANT	..	4,00	5,59	6,00
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C. 1(1) (1)(8).—FUEL INVENTORY :	1,14,59	5,23,64	8,07,50	2,15,80
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C.1(1)(1)(9).—SUSPENSE	4,14	1,25	7,40	10,00
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TOTAL.—WORKING EXPENSES	4,42,71	13,42,05	15,14,06	10,97,65
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A.E.—B



(In thousands of Rupees)

	Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
<b>MAHARASHTRA—concl'd.</b>				
<b>C.—ELECTRICITY SCHEMES—concl'd.</b>				
<b>C.I—NUCLEAR POWER SCHEMES—concl'd.</b>				
<b>C.I(1)—OPERATIONAL EXPEN- SES OF TARAPUR ATOMIC POWER STATION—concl'd.</b>				
C.I(1)(2)—INTEREST . . . . .	5,32,27	3,33,96	2,75,59	2,93,43
C.I(1)(3)—MISCELLANEOUS ; C.I(1)(3)(1)—ESTABLISHMENT CHARGES . . . . .	..	9,63	7,64	3,08
C.I(1)(3)(2)—INTERIM RELIEF . . . . .	..	63	47	21
C.I(1)(3)(3)—OTHER CHARGES . . . . .	17,12	10,00	9,54	11,99
<b>TOTAL.—MISCELLANEOUS . . . . .</b>	<b>17,12</b>	<b>20,26</b>	<b>17,65</b>	<b>15,28</b>
C.I(1)(4)—NUCLEAR INSUR- ANCE RESERVE FUND . . . . .	27,00	..	..	..
<b>TOTAL—OPERATIONAL EXPENSES OF TARAPUR ATOMIC POWER STATION . . . . .</b>	<b>10,19,10</b>	<b>16,96,27</b>	<b>18,07,30</b>	<b>14,06,36</b>
C.I. (2)—OPERATIONAL EXPENSES OF RAJASTHAN ATOMIC POWER STATION (UNIT-1) . . . . .	10,49	2,77,05	3,08,08	27,49
<b>TOTAL.—ELECTRICITY SCHEMES . (NON-PLAN)</b>	<b>10,29,59</b>	<b>19,73,32</b>	<b>21,15,38</b>	<b>14,33,85</b>
<b>MAJOR HEAD "71"</b>				
<b>D.—MISCELLANEOUS :</b>				
<b>D. 1.—GRANTS-IN-AID, CON- TRIBUTIONS, ETC. ;</b>				
<b>(NON-PLAN)</b>				
Contribution to International Atomic Energy Agency . . . . .	3,00	3,00	3,10	3,10
<b>TOTAL—GRANTS-IN-AID, CONTRIBUTIONS ETC.</b>	<b>3,00</b>	<b>3,00</b>	<b>3,10</b>	<b>3,10</b>
<b>TOTAL—MISCELLANEOUS (NON-PLAN)</b>	<b>3,00</b>	<b>3,00</b>	<b>3,10</b>	<b>3,10</b>
<b>TOTAL—MAHARASHTRA</b>	<b>37,16,54</b>	<b>53,87,28</b>	<b>53,11,98</b>	<b>54,75,48</b>
{ NON-PLAN	34,22,30	49,26,91	46,17,61	42,60,88
PLAN	2,94,24	4,60,37	6,94,37	12,14,60

AE—B

(In thousands of Rupees)

	Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
<b>CHARGES IN ENGLAND</b>				
<b>MAJOR HEAD "71"</b>				
<b>E.—CHARGES IN ENGLAND :</b>				
<b>E.1.—GRANTS-IN-AID, CON- TRIBUTIONS, ETC. :</b>				
E.1(i).—CONTRIBUTIONS . . . . .	14,75	13,81	14,47	15,28
<b>TOTAL—CHARGES IN ENGLAND (NON-PLAN)</b> . . . . .	<b>14,75</b>	<b>13,81</b>	<b>14,47</b>	<b>15,28</b>
<b>TOTAL</b> . . . . .	<b>37,31,29</b>	<b>54,01,09</b>	<b>53,26,45</b>	<b>54,90,76</b>
{ NON-PLAN . . . . .	34,37,05	49,40,72	46,32,08	42,76,16
{ PLAN . . . . .	2,94,24	4,60,37	6,94,37	12,14,60

DETAILS of recoveries adjusted in accounts in reduction of expenditure:—

**MAHARASHTRA**

<b>MAJOR HEAD "35"</b>				
<b>COST OF FUEL ELEMENTS TRANSFERRED TO ATOMIC POWER STATION . . . . .</b>				
	..	—5,00	—6,60	—3,12,00
<b>MAJOR HEAD "45"</b>				
<b>STOCK DRAWN FROM FUEL INVENTORY OF TARAPUR ATOMIC POWER STATION . . . . .</b>				
	..	—4,81,00	—3,51,00	—5,07,00
<b>TRANSFER FROM DEPRECIATION RESERVE FUND OF TARAPUR ATOMIC POWER STATION. . . . .</b>				
	..	—1,00	—1,00	—1,00
<b>TRANSFER FROM CONTIN- GENCY RESERVE FUND OF TARAPUR ATOMIC POWER STATION . . . . .</b>				
	..	—1,00	—1,00	—1,00
<b>TOTAL ELECTRICITY SCHEMES (NON-PLAN)</b> . . . . .	..	<b>—4,83,00</b>	<b>—3,53,00</b>	<b>—5,09,00</b>
<b>TOTAL : (NON-PLAN)</b> . . . . .	..	<b>—4,88,00</b>	<b>—3,59,60</b>	<b>—8,21,00</b>

## DEMAND NO. 135

## CAPITAL OUTLAY OF THE DEPARTMENT OF ATOMIC ENERGY

Voted : Seventy Crores, Seventy-seven Lakhs and Sixty-six Thousand Rupees.

(In thousands of Rupees)

Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
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The DETAILS are as follows :

## MAHARASHTRA

## MAJOR HEAD "96"

## A.—CAPITAL OUTLAY ON INDUSTRIAL AND ECONOMIC DEVELOPMENT :

## A. 1.—INVESTMENT IN GOVERNMENT COMMERCIAL UNDERTAKINGS:

(PLAN)

## A. 1(1).—ELECTRONICS CORPORATION OF INDIA LTD.

10,00	25,00	25,00	..
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## A. 1(2).—URANIUM CORPORATION OF INDIA, LIMITED

{ PLAN	..	81,00	..	..
{ NON-PLAN	..	..	..	..

## TOTAL—INVESTMENT IN GOVERNMENT COMMERCIAL UNDER TAKING

..	..	81,00	..
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{ (PLAN)	35,00	1,06,00	25,00	..
{ NON-PLAN	..	..	81,00	..

## A. 2.—INVESTMENT IN CO-OPERATIVE SOCIETIES (PLAN)

..	50	32	15
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## A. 3.—ATOMIC ENERGY DEVELOPMENT :

## A. 3(1).—BHABHA ATOMIC RESEARCH CENTRE :

(PLAN)

A. 3(1)(1).—LAND	22,26	16,32	8,54	22,00
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A. 3(1)(2).—ROADS	2,83	2,75	2,64	3,70
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A. 3(1)(3).—CENTRAL COMPLEX	6,02	6,41	4,21	4,43
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AE—B

No. 135 CAPITAL OUTLAY OF THE DEPARTMENT OF ATOMIC ENERGY II

(In thousands of Rupees)

	Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
<b>MAHARASHTRA—contd.</b>				
<b>A.—CAPITAL OUTLAY ON INDUSTRIAL AND ECONOMIC DEVELOPMENT—contd.</b>				
<b>A. 3—ATOMIC ENERGY DEVELOPMENT—contd.</b>				
<b>A. 3(1)—BHABHA ATOMIC RESEARCH CENTRE—contd.</b>				
A. 3(1)(4)—LABORATORIES	56,26	63,85	11,67	59,48
A. 3(1)(5)—CENTRAL WORKSHOP AND STORES	5,30	13,39	2,89	2,00
A. 3(1)(6)—RADIATION MEDICINE CENTRE	..	10,00	40	25,00
A. 3(1)(7)—MISCELLANEOUS	34,67	77,41	65,68	31,19
A. 3(1)(8)—TRAINING SCHOOL COMPLEX	3,09	7,11	3,99	1,11
A. 3(1)(9)—HIGH INTENSITY RADIATION UTILISATION PROJECT	22,04	27,09	29,97	3,86
A. 3(1)(10)—ZERO ENERGY FAST REACTOR (PLAN)	5,31	2,13	4,53	50
A. 3(1)(11)—NUCLEAR DATA HANDLING LABORATORY	..	1,00	..	..
A. 3(1)(12)—IRRADIATION FACILITIES	1,08	5,00	2,89	19,20
A. 3(1)(13)—COBALT 60 FACILITY	..	15,00	30,30	600
A. 3(1)(14)—PULSED FAST REACTOR	..	5,00	..	..
A. 3(1)(15)—LOW LEVEL COUNTING LAB	..	10	..	5,00
A. 3(1)(16)—RESEARCH REACTOR	..	..	..	10,00
A. 3(1)(17)—CONSTRUCTION OF NEW ENGINEERING HALLS FOR POWER PLANTS AND RESEARCH REACTOR	..	..	..	1,00
A. 3(1)(18)—COMPUTATION FACILITY AT BARC	..	..	..	1,00
A. 3(1)(19)—ENVIRONMENTAL LABORATORY	..	..	..	6,00
A. 3(1)(20)—SUSPENSE	..	3,25	5,75	7,00
A. 3(1)(21)—TOOLS AND PLANT	6,84	50	50	50
<b>TOTAL—BHABHA ATOMIC RESEARCH CENTRE</b>	<b>1,65,70</b>	<b>2,56,35</b>	<b>1,73,96</b>	<b>2,08,97</b>

(In thousands of Rupees)

	Actuals, 1970-71	Budget Estimate, 1970-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
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## MAHARASHTRA—contd.

## A. CAPITAL OUTLAY ON INDUSTRIAL AND ECONOMIC DEVELOPMENT—contd.

## A. 3.—ATOMIC ENERGY DEVELOPMENT—contd.

## A. 3 (2).— FUEL FABRICATION AND OTHER FACILITIES :

(PLAN)

A. 3 (2) (1).— URANIUM OXIDE PLANT . . . . .	25,48	22,10	31,44	4,10
A. 3 (2) (2).— CERAMIC FUEL FABRICATION PLANT . . . . .	11,16	40,00	27,45	22,48
A. 3 (2) (3).—ZIRCONIUM PLANT . . . . .	1,37,50	1,40,00	1,45,26	96,07
A. 3(2)(4).—COMMON FACILITIES FOR COMPLEX AT HYDERABAD . . . . .	92,21	45,04	48,80	11,83
A. 3(2)(5).—ENRICHED URANIUM OXIDE FUEL FABRICATION PLANT . . . . .	4,03	31,43	7,00	10,25
A. 3(2)(6).—ENRICHED URANIUM OXIDE PLANT . . . . .	..	47,89	36,60	33,69
A. 3(2)(7).—SPECIAL MATERIALS PLANT . . . . .	4,87	19,06	18,80	7,08
A. 3(2)(8).—STAINLESS STEEL SEAMLESS TUBE SPLANT . . . . .	8,81	7,50	1,40	20,00
A. 3(2)(9).—NITRIC ACID PLANT . . . . .	..	25	..	..
A. 3(2)(10).—TITANIUM PILOT PLANT . . . . .	..	25	25	12,60
A. 3(2)(11).—OFFICE OF THE NUCLEAR FUEL COMPLEX . . . . .	..	8,00	8,00	..
TOTAL—FUEL FABRICATION, ETC. (PLAN)	2,84,06	3,61,52	3,25,00	2,18,10

AE-B

(In thousands of Rupees)

Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
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MAHARASHTRA—contd.

A.—CAPITAL OUTLAY ON INDUSTRIAL AND ECONOMIC DEVELOPMENT—contd.

A. 3.—ATOMIC ENERGY DEVELOPMENT—contd.

A. 3(3).—HEAVY WATER PLANTS:

A. 3(3)(1).—OFFICE OF THE HEAVY WATER PROJECTS (PLAN)	..	6,29	8,00	9,00
A. 3(3)(2).—HEAVY WATER PLANT AT KOTA (PLAN)	89,92	1,77,50	2,17,00	10,00,00
A. 3(3)(3).—HEAVY WATER PLANT AT BARODA (PLAN)	76,40	4,69,00	5,78,79	3,26,00
A. 3(3)(4).—HEAVY WATER PLANT AT TUTICORIN (PLAN)	21	1,00	4,50,00	2,25,00
A. 3(3)(5).—OTHER HEAVY WATER PLANTS (PLAN)	34,21	47,00	70,00	60,00
TOTAL—HEAVY WATER PLANT	2,00,74	7,00,79	13,23,79	16,21,00
{ Non-Plan	34,21	47,00	70,00	60,00
{ Plan	1,66,53	6,53,79	12,53,79	15,61,00

A. 3(4).—ATOMIC MINERALS DIVISION:

A. 3(4)(1).—MACHINERY AND EQUIPMENT	10,30	22,30	16,76	22,40
A. 3(4)(2).—OTHER CAPITAL EXPENDITURE	51	1,70	13,14	3,00
TOTAL—ATOMIC MINERALS DIVISION	10,81	24,00	29,90	25,40

	Actuals, 1970-71	Budget Estimate, 1971-72	(In thousands of Rupees)	
			Revised Estimate, 1971-72	Budget Estimate, 1972-73
<b>MAHARASHTRA—contd.</b>				
A.—CAPITAL OUTLAY ON INDUSTRIAL AND ECONOMIC DEVELOPMENT—contd.				
A. 3.—ATOMIC ENERGY DEVELOPMENT—contd.				
A. 3(5).—COSMIC RAY RESEARCH LABORATORIES :				
A. 3(5)(1).—GULMARG LABORATORY	38	1,30	15	1,50
A. 3(6).—SPACE RESEARCH PROGRAMME :				
A. 3(6)(1).—EXPERIMENTAL SATELLITE COMMUNICATIONS EARTH STATION :				
A. 3(6)(1)(1).—PHASE I	8	2,00	75	40
A. 3(6)(1)(2).—PHASE II	..	3,00	4,00	6,50
TOTAL	8	5,00	4,75	6,90
A. 3(6)(2).—THUMBA EQUATORIAL ROCKET LAUNCHING STATION	10,04	36,87	37,00	66,13
A. 3(6)(3).—ROCKET PROPELLANTS PLANT :				
A. 3(6)(3)(1).—PHASE I	68	..	..	..
A. 3(6)(4)(2).—PHASE II	1,04	9,64	14,58	7,50
TOTAL	1,72	9,64	14,58	7,50
A. 3(6)(4).—SPACE SCIENCE AND TECHNOLOGY CENTRE	24,63	1,1 81	90,00	2,10,85
A. 3(6)(5).—ROCKET FABRICATION FACILITY AT THUMBA	20,60	14,10	38	26,30
A. 3(6)(6).—SRIHARIKOTA RANGE	79,03	1,61,54	1,00,00	1,31,65
A. 3(6)(7).—SOLID PROPELLANT FOR SPACE BOOSTER PLANT	..	50,00	10,00	1,09,70
A. 3(6)(8).—STATICTEST AND EVALUATION COMPLEX	..	25,00	5,00	66,00
A. 3(6)(9) SATELLITE INSTRUCTIONAL TELEVISION EXPERIMENT	..	1,00	2,00	6,00
A. 3(6)(10).—PROPELLANT FUEL COMPLEX	..	..	5,52	33,40
A. 3(6)(11).—ROCKETSLID FACILITY	..	..	10	8,00
A. 3(6)(12).—SUSPENSE	19,14	6,87	17,67	14,00
A. 3(6)(13).—TOOLS AND PLANTS	97	3,00	5,00	5,00
TOTAL—SPACE RESEARCH PROGRAMME	1,56,21	4,25,83	3,00,00	6,91,43

A. E.—B.

(In thousands of Rupees)

Actuals, 1970-71      Budget Estimate, 1971-72      Revised Estimate, 1971-72      Budget Estimate, 1972-73

MAHARASHTRA--contd.

A.--CAPITAL OUTLAY ON INDUSTRIAL AND ECONOMIC DEVELOPMENT--contd.

A. 3.--ATOMIC ENERGY DEVELOPMENT--concl'd.

A. 3(7).--VARIABLE ENERGY CYCLOTRON PROJECT	1,18,98	1,78,82	1,47,00	1,98,00
A. 3(8).--THORIUM PLANT AT TROMBAY	..	15,00	3,00	3,00
A. 3(9).--REACTOR RESEARCH CENTRE	78,08	1,84,13	1,24,40	5,03,39
A. 3(10).--POWER REACTOR FUEL REPROCESSING PLANT	1,25,39	2,25,14	1,94,22	1,54,00
A. 3(11).--WASTE TREATMENT AND DECONTAMINATION FACILITY AT TARAPUR	4	25,00	14,82	50,38
A. 3(12).--PILOT STUDIES RELATING TO DESALINATION, WATER UTILISATION AND UNDERGROUND WATER	..	5,00	..	2,00
A. 3(13).--PILOT PLANT FOR PRODUCTION OF ILMENITE BY ELECTRO SMELTING	..	..	..	1,00
<b>TOTAL--ATOMIC ENERGY DEVELOPMENT</b>	<b>11,40,39</b>	<b>24,02,88</b>	<b>26,36,24</b>	<b>36,78,17</b>
<b>TOTAL--MAJOR HEAD "96"</b>	<b>11,75,39</b>	<b>25,09,38</b>	<b>27,42,56</b>	<b>36,78,32</b>
Non-Plan Plan	34,21 11,41,18	47,00 24,62,38	1,51,00 25,91,56	60,00 36,18,32

MAJOR HEAD "101"

B.--CAPITAL OUTLAY ON ELECTRICITY SCHEMES :

(PLAN)

B. 1.--NUCLEAR POWER STATIONS :

B. 1(1).--TARAPUR ATOMIC POWER STATION :

B. 1(1)(1).--WORKS

1,23,77      2,50      19,38      6,96

AE-B



(In thousands of Rupees)

	Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
B.—CAPITAL OUTLAY ON ELECTRICITY SCHEME— <i>concl.</i>				
B.1.—NUCLEAR POWER STATION— <i>contd.</i>				
B.1(2).—RAJASTHAN ATOMIC POWER STATION (I UNIT) :				
B.1(2)(1).—WORKS . . . . .	7,07,24	4,48,30	4,25,98	86,74
B.1(2)(2).—ESTABLISHMENT . . . . .	..	12,63	13,62	6,22
B.1(2)(3).—INTERIM RELIEF . . . . .	..	2,81	3,05	2,44
B.1(2)(4).—SUSPENSE . . . . .	..	..	..	77,00
B.1(2)(5).—LOSS OR GAIN BY EXCHANGE . . . . .	..	4,36	13,88	6,12
TOTAL—RAJASTHAN ATOMIC POWER STATION ( I UNIT)	7,07,24	4,68,10	4,56,53	1,78,52
B.1(3).—RAJASTHAN ATOMIC POWER STATION (II UNIT) :				
B.1(3)(1).—WORKS . . . . .	9,91,89	8,91,91	10,91,98	6,87,73
B.1(3)(2).—ESTABLISHMENT . . . . .	..	36,77	42,06	57,32
B.1(3)(3).—INTERIM RELIEF . . . . .	..	6,17	6,57	9,11
B.1(3)(4).—SUSPENSE . . . . .	..	..	..	90,00
B.1(3)(5).—LOSS OR GAIN BY EXCHANGE . . . . .	..	9,91	38,65	11,12
TOTAL—RAJASTHAN ATOMIC POWER STATION—(II UNIT)	9,91,89	9,44,76	11,79,26	8,55,28
B.1(4).—MADRAS ATOMIC POWER STATION (I UNIT) :				
B.1(4)(1).—WORKS . . . . .	3,18,38	8,09,34	7,11,04	15,34,39
B.1(4)(2).—ESTABLISHMENT . . . . .	..	30,66	27,12	40,05
B.1(4)(3).—INTERIM RELIEF . . . . .	..	2,67	1,84	3,19
B.1(4)(4).—SUSPENSE . . . . .	..	..	..	2100
TOTAL—MADRAS ATOMIC POWER STATION (UNIT I)	3,18,38	8,42,67	7,40,00	15,98,63
B.1(5).—MADRAS ATOMIC POWER STATION (II UNIT) :				
B.1(5)(1).—WORKS . . . . .	6,32	1,18,00	1,65,36	4,98,52
B.1(6).—PRELIMINARY EXPENDITURE ON THE NEW ATOMIC POWER STATIONS	48	5,00	50	5,00
B.1(7).—WASTE IMMOBILISATION PLANT AT TARAPUR . . . . .	..	..	..	25
TOTAL—MAJOR HEAD "101" (PLAN)	21,48,08	23,81,03	25,61,03	31,43,16

AE—B

No. 5—CAPITAL OUTLAY OF THE DEPARTMENT OF ATOMIC ENERGY 17

(In thousands of Rupees)

	Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
<b>MAHARASHTRA—concl'd.</b>				
MAJOR HEAD "109"				
(PLAN)				
C.—CAPITAL OUTLAY ON OTHER WORKS :				
C.1—ORIGINAL WORKS—				
SCIENTIFIC DEPARTMENTS :				
C. 1.(1).—DEPARTMENT OF ATOMIC ENERGY :				
C. 1(1)(1).—LAND	55	10	1,25	5
C. 1(1)(2).—BUILDINGS	33,74	28,63	24,26	18,38
C. 1(2).—TOWNSHIP AT TROMBAY	1,27,29	1,10,00	1,22,72	1,29,75
C. 1(3).—HOUSING COLONY FOR HYDERABAD COMPLEX .	52,08	56,00	48,00	34,00
C. 1(4).—HOUSING COLONY FOR HEAVY WATER PLANTS	35	50,00	35,00	74,00
TOTAL—MAJOR HEAD "109" (PLAN)	2,14,01	2,44,73	2,31,23	2,56,18
TOTAL	35,37,48	51,35,14	55,34,82	70,77,66
Non-PLAN	34,21	47,00	1,51,00	60,00
PLAN	35,03,27	50,88,14	53,83,82	70,17,66

DETAILS of recoveries adjusted in accounts in reduction of expenditure :

MAHARASHTRA

MAJOR HEAD "96 (PLAN)				
CAPITAL OUTLAY ON INDUSTRIAL AND ECONOMIC DEVELOPMENT."				
CAPITAL OUTLAY ON INDUSTRIAL AND ECONOMIC DEVELOPMENT :				
SUSPENSE				
RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT	-5	-5,00	-5,00	-5,00
TRANSFER OF ASSETS OF THE JADUGUDA MINES PROJECT TO URANIUM CORPORATION OF INDIA LIMITED	-21,40	..	..	..
TOTAL —MAJOR HEAD "96"—(PLAN)	-21,96	-5,00	-5,22	-5,00
MAJOR HEAD "101—CAPITAL OUTLAY ON ELECTRICITY SCHEMES" (PLAN)				
CAPITAL OUTLAY ON ELECTRICITY SCHEMES :				
RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT	-1,97,09	-44	-64	..
TOTAL—MAJOR HEAD "101"	-1,97,09	-44	64	..

DEMANDS FOR GRANTS, 1973:

	Actuals, 1970-71	Budget Estimate, 1971-72	Revised Estimate, 1971-72	Budget Estimate, 1972-73
MAJOR HEAD "109-CAPITAL OUT- LAY ON OTHER WORKS( PLAN) RECEIPTS AND RECOVERIES ON CAPITAL ACCOUNT . . . . .	-6	..	..	..
TOTAL—MAIN HEAD "109"	-6	..	..	..
TOTAL . . . (PLAN) . . . . .	-2,19,11	-5,44	-5,86	-5,00

AE-B