

DEPARTMENT OF ATOMIC ENERGY**DEMAND NO. 6****Nuclear Power Schemes**

A. The Budget allocations, net of recoveries, are given below:

		(In crores of Rupees)								
Major Head	Budget 2002-2003			Revised 2002-2003			Budget 2003-2004			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	...	282.95	282.95	...	-163.31	-163.31	...	-69.42	-69.42	
Capital	1595.00	...	1595.00	1720.00	...	1720.00	2000.00	...	2000.00	
Total	1595.00	282.95	1877.95	1720.00	-163.31	1556.69	2000.00	-69.42	1930.58	
Nuclear Power Projects										
1. Rajasthan Atomic Power Station:										
Gross	2801	...	381.59	381.59	...	247.37	247.37	...	174.00	174.00
Less- Receipts	0801	...	-161.20	-161.20	...	-60.00	-60.00	...	-187.00	-187.00
Net		...	220.39	220.39	...	187.37	187.37	...	-13.00	-13.00
2. Fuel Inventory										
Gross	2801	...	766.46	766.46	...	740.77	740.77	...	749.58	749.58
Less Receipts	0801	...	-705.38	-705.38	...	-836.00	-836.00	...	-833.00	-833.00
Net		...	61.08	61.08	...	-95.23	-95.23	...	-83.42	-83.42
3. Waste Management Facilities at Tarapur and Kalpakkam	2801	...	17.55	17.55	...	17.55	17.55	...	18.00	18.00
	4801	11.50	...	11.50	9.35	...	9.35	3.40	...	3.40
	<i>Total</i>	<i>11.50</i>	<i>17.55</i>	<i>29.05</i>	<i>9.35</i>	<i>17.55</i>	<i>26.90</i>	<i>3.40</i>	<i>18.00</i>	<i>21.40</i>
4. Heavy Water Pool Management										
Gross	2801	...	500.00	500.00	...	500.00	500.00	...	525.00	525.00
Less- Receipt	0801	...	-516.07	-516.07	...	-773.00	-773.00	...	-516.00	-516.00
Net		...	-16.07	-16.07	...	-273.00	-273.00	...	9.00	9.00
5. Prototype Fast Breeder Test Reactor (PFBR)	4801	50.00	...	50.00	18.95	...	18.95	86.60	...	86.60
6. Other Schemes										
6.01 DAE	2801
	4801	5.00	...	5.00	6.15	...	6.15	10.00	...	10.00
	<i>Total</i>	<i>5.00</i>	<i>...</i>	<i>5.00</i>	<i>6.15</i>	<i>...</i>	<i>6.15</i>	<i>10.00</i>	<i>...</i>	<i>10.00</i>
7. Investment in Public Enterprises										
i. Nuclear Power Corporation	4801	1341.50	...	1341.50	1498.55	...	1498.55	1200.00	...	1200.00
	6801	187.00	...	187.00	187.00	...	187.00	700.00	...	700.00
	<i>Total</i>	<i>1528.50</i>	<i>...</i>	<i>1528.50</i>	<i>1685.55</i>	<i>...</i>	<i>1685.55</i>	<i>1900.00</i>	<i>...</i>	<i>1900.00</i>
Grand Total		1595.00	282.95	1877.95	1720.00	-163.31	1556.69	2000.00	-69.42	1930.58
B. Investment in Public Enterprises										
	Head of Dev.	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
Nuclear Power Corporation	12801	1528.50	121.00	1649.50	1685.55	199.00	1884.55	1900.00	1170.00	3070.00
	<i>Total</i>	<i>1528.50</i>	<i>121.00</i>	<i>1649.50</i>	<i>1685.55</i>	<i>199.00</i>	<i>1884.55</i>	<i>1900.00</i>	<i>1170.00</i>	<i>3070.00</i>
C. Plan Outlay*										
1. Power										
i. Nuclear Power Schemes	12801	1595.00	121.00	1716.00	1720.00	199.00	1919.00	2000.00	1170.00	3170.00

* Inclusive of Works Outlay

1. **Rajasthan Atomic Power Station (RAPS)- Unit-1** – The management of RAPS, Unit-1 has been entrusted to Nuclear Power Corporation of India Limited on operational cost reimbursement basis. Hence, provision has been made in the Budget for the operational expenses of the Station.

2. **Fuel Inventory** - This provides for expenditure on the fuel for Tarapur and other Pressurised Heavy Water Reactors.

3. **Waste Management Facilities at Tarapur and Kalpakkam** – These are facilities set up to process and store radioactive wastes generated by power stations and are executed and operated by BARC.

4. **Heavy Water Pool Management** - This provides for the management of Heavy Water Inventory. Lease charges are recovered from the operating power stations for the use of Heavy Water.

5. **Prototype Fast Breeder Reactor (PFBR)** - The construction of Fast Breeder Reactor is expected to commence during the year.

6. **Other Schemes-** Provision has been made for the capital outlay for the new DAE plan schemes.

7. **Investment in Public Enterprises:**
Nuclear Power Corporation of India Limited (NPCIL), Mumbai – NPCIL is the nodal agency for harnessing nuclear energy for power generation in the country. NPCIL is operating fourteen nuclear power reactors at Tarapur, Rawatbhatta, Kalpakkam, Narora, Kakrapar and Kaiga with a capacity of 2720 MWe. The ongoing power projects in hand are Kudankulam 1&2, RAPS 5&6, TAPS 3&4 and Kaiga 3&4.