

DEPARTMENT OF ATOMIC ENERGY

DEMAND NO. 88

Nuclear Power Schemes

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

		(In crores of Rupees)								
Major Head	Budget 2000-2001			Revised 2000-2001			Budget 2001-2002			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	...	248.61	248.61	...	327.87	327.87	...	-68.66	-68.66	
Capital	894.00	...	894.00	805.00	...	805.00	1093.00	...	1093.00	
Total	894.00	248.61	1142.61	805.00	327.87	1132.87	1093.00	-68.66	1024.34	
Nuclear Power Projects										
1. Rajasthan Atomic Power Station:										
Gross	2801	...	175.00	175.00	...	162.25	162.25	...	227.99	227.99
Less- Receipts	0801	...	-128.58	-128.58	...	-121.54	-121.54	...	-154.35	-154.35
Net		...	46.42	46.42	...	40.71	40.71	...	73.64	73.64
2. Fuel Inventory										
Gross	2801	...	783.77	783.77	...	783.77	783.77	...	673.44	673.44
Less Receipts	0801	...	-728.04	-728.04	...	-641.96	-641.96	...	-808.19	-808.19
Net		...	55.73	55.73	...	141.81	141.81	...	-134.75	-134.75
3. Waste Management Facilities at Tarapur and Kalpakkam	2801	...	17.56	17.56	...	16.18	16.18	...	16.85	16.85
4801	34.00	...	34.00	34.00	35.79	...	35.79	38.00	...	38.00
Total		34.00	17.56	51.56	35.79	16.18	51.97	38.00	16.85	54.85
4. Heavy Water Pool Management										
Gross	2801	...	660.00	660.00	...	600.00	600.00	...	585.00	585.00
Less- Receipt	0801	...	-531.11	-531.11	...	-470.83	-470.83	...	-609.40	-609.40
Net		...	128.89	128.89	...	129.17	129.17	...	-24.40	-24.40
5. Prototype Fast Breeder Test Reactor (PFBR)	4801	26.00	...	26.00	20.21	...	20.21	30.79	...	30.79
6. Other Schemes:										
i. NPB	2801	...	0.01	0.01	...	...	...	...	...	...
ii. BARC	4801	...	...	...	...	...	...	...	...	...
Total		...	0.01	0.01	...	...	...	...	...	...
7. Investment in Public Enterprises										
i. Nuclear Power Corporation	4801	671.00	...	671.00	586.00	...	586.00	782.00	...	782.00
6801	163.00	...	163.00	163.00	163.00	...	163.00	242.21	...	242.21
Total		834.00	...	834.00	749.00	...	749.00	1024.21	...	1024.21
Grand Total		894.00	248.61	1142.61	805.00	327.87	1132.87	1093.00	-68.66	1024.34
B. Investment in Public Enterprises	Head of Dev.	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
Nuclear Power Corporation	12801	834.00	438.00	1272.00	749.00	393.50	1142.50	1024.21	149.00	1173.21
Total		834.00	438.00	1272.00	749.00	393.50	1142.50	1024.21	149.00	1173.21
C. Plan Outlay										
1. Power										
i. Nuclear Power Schemes	12801	894.00	438.00	1332.00	805.00	393.50	1198.50	1093.00	149.00	1242.00

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 an agency 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 Bhabha Atomic Research Centre.

4. **Heavy Water Pool Management:** This provides for the management of Heavy Water Inventory. Lease charges are

recovered for the use of Heavy Water by the operating power stations.

5. **Prototype Fast Breeder Test Reactor (PFBR):** Provision is made for construction of PFBR by Indira Gandhi Centre for Atomic Research at Kalpakkam.

7. **Investment in Public Enterprises :**

(i) **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 MW.