

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

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

		<i>(In crores of Rupees)</i>								
Major Head	Budget 2005-2006			Revised 2005-2006			Budget 2006-2007			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	...	-343.53	-343.53	...	-471.82	-471.82	...	-169.04	-169.04	
Capital	2443.96	...	2443.96	1516.00	-0.08	1515.92	2503.10	...	2503.10	
Total	2443.96	-343.53	2100.43	1516.00	-471.90	1044.10	2503.10	-169.04	2334.06	
Nuclear Power Projects										
1. Rajasthan Atomic Power Station:										
Gross	2801	...	101.35	101.35	...	101.35	101.35	...	76.99	76.99
Less- Receipts	0801	...	-13.73	-13.73	...	...	...	...	...	...
Net		...	87.62	87.62	...	101.35	101.35	...	76.99	76.99
2. Fuel Inventory										
Gross	2801	...	551.22	551.22	...	646.40	646.40	...	1083.90	1083.90
Less Receipts	0801	...	-659.45	-659.45	...	-831.41	-831.41	...	-931.69	-931.69
Net		...	-108.23	-108.23	...	-185.01	-185.01	...	152.21	152.21
3. Heavy Water Pool Management										
Gross	2801	...	...	...	...	...	...	...	...	...
Less- Receipt	0801	...	-341.67	-341.67	...	-406.91	-406.91	...	-419.94	-419.94
Net		...	-341.67	-341.67	...	-406.91	-406.91	...	-419.94	-419.94
4. Bhabha Atomic Research Centre, Mumbai (Waste Management Facilities at Tarapur and Kalpakkam)										
2801	...	18.75	18.75	...	18.75	18.75	...	21.70	21.70	
4801	2.75	...	2.75	2.47	...	2.47	0.15	...	0.15	
Total	2.75	18.75	21.50	2.47	18.75	21.22	0.15	21.70	21.85	
5. Indira Gandhi Centre for Atomic Research, Kalpakkam (Prototype Fast Breeder Test Reactor)	4801	5.00	...	5.00	5.00	-0.08	4.92	10.00	...	10.00
6. DAE Projects (Other Schemes)	4801	2.21	...	2.21	1.50	...	1.50	5.10	...	5.10
7. Investment in Public Enterprises										
7.01 Nuclear Power Corporation of India Ltd.										
4801	...	...	...	...	...	...	400.00	...	400.00	
6801	2004.00	...	2004.00	1280.03	...	1280.03	1606.00	...	1606.00	
Total	2004.00	...	2004.00	1280.03	...	1280.03	2006.00	...	2006.00	
7.02 Bharatiya Nabhikiya Vidyut Nigam Ltd (BHAVINI)	4801	430.00	...	430.00	227.00	...	227.00	481.85	...	481.85
Total- Investments in Public Enterprises		2434.00	...	2434.00	1507.03	...	1507.03	2487.85	...	2487.85
Grand Total		2443.96	-343.53	2100.43	1516.00	-471.90	1044.10	2503.10	-169.04	2334.06
B. Investment in Public Enterprises	Head of Dev.	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
7.01 Nuclear Power Corporation of India Ltd.	12801	2004.00	2696.00	4700.00	1280.03	2366.00	3646.03	2006.00	1394.00	3400.00
7.02 Bharatiya Nabhikiya Vidyut Nigam Ltd (BHAVINI)	12801	430.00	...	430.00	227.00	...	227.00	481.85	...	481.85
Total		2434.00	2696.00	5130.00	1507.03	2366.00	3873.03	2487.85	1394.00	3881.85
C. Plan Outlay:										
1. Power										
i. Nuclear Power Schemes	12801	2443.96	2696.00	5139.96	1516.00	2366.00	3882.00	2503.10	1394.00	3897.10

1. Rajasthan Atomic Power Station (RAPS): The management of RAPS, Unit-1 has been entrusted to Nuclear Power Corporation of India Limited (NPCIL) on operational cost reimbursement basis. Provision has been made in the budget for the operational expenses of the power station.

2. Fuel Inventory: This provides for expenditure on the fuel for Tarapur Atomic Power Station and other Pressurized Heavy Water Reactors at other places.

4. Bhabha Atomic Research Centre, Mumbai (BARC): BARC has established Waste Management Facilities and Waste Immobilisation Plants at Tarapur and Kalpakkam. These facilities are to process and store radioactive wastes generated by Power Stations. The provisions are for running these facilities and also for Plan Schemes of BARC under Power Sector.

5. Indira Gandhi Centre for Atomic Research, Kalpakkam: Funds for providing R&D support aimed towards the construction of Prototype Fast breeder Reactor etc.

6. DAE Projects – Funds for Additional Spent Fuel Storage Facility - at RAPS are being implemented by NPCIL.

7. Investment in Public Enterprises

7.01 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 fifteen nuclear power reactors at Tarapur, Rawatbhata, Kalpakkam, Narora, Kakrapar and Kaiga

7.02 Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI), Kalpakkam - BHAVINI was created under the Companies Act 1956 and incorporated in Oct., 2003 for the implementation of the Project Fast Breeder Reactor (PFBR) with 500 MWe capacity with a sanctioned cost of Rs. 3492.00 crore. The funding pattern of the project is with debt equity ratio of 20:80 with equity flowing in the first phase.