

DEPARTMENT OF ATOMIC ENERGY**DEMAND NO. 5****Nuclear Power Schemes**

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

		<i>(In crores of Rupees)</i>								
Major Head	Budget 2007-2008			Revised 2007-2008			Budget 2008-2009			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	82.86	-116.90	-34.04	64.74	-755.40	-690.66	66.62	-704.50	-637.88	
Capital	2366.29	0.90	2367.19	1125.26	1.40	1126.66	1525.38	1.50	1526.88	
Total	2449.15	-116.00	2333.15	1190.00	-754.00	436.00	1592.00	-703.00	889.00	
Nuclear Power Projects										
1. Rajasthan Atomic Power Station:	2801	...	68.05	68.05	...	63.97	63.97	...	67.68	67.68
2. Fuel Inventory										
Gross	2801	82.86	1251.20	1334.06	64.74	706.30	771.04	66.62*	1321.95	1388.57
Less-Receipts	0801	...	-969.12	-969.12	...	-1046.34	-1046.34	...	-1556.10	-1556.10
<i>Net</i>		<i>82.86</i>	<i>282.08</i>	<i>364.94</i>	<i>64.74</i>	<i>-340.04</i>	<i>-275.30</i>	<i>66.62</i>	<i>-234.15</i>	<i>-167.53</i>
3. Heavy Water Pool Management										
Gross	2801
Less- Receipt	0801	...	-492.08	-492.08	...	-507.53	-507.53	...	-568.18	-568.18
<i>Net</i>		<i>...</i>	<i>-492.08</i>	<i>-492.08</i>	<i>...</i>	<i>-507.53</i>	<i>-507.53</i>	<i>...</i>	<i>-568.18</i>	<i>-568.18</i>
4. Bhabha Atomic Research Centre, Mumbai (Waste Management Facilities at Tarapur and Kalpakkam)	2801	...	25.05	25.05	...	28.20	28.20	...	30.15	30.15
	4801	0.10	0.90	1.00	0.10	1.40	1.50	0.10	1.50	1.60
<i>Total</i>		<i>0.10</i>	<i>25.95</i>	<i>26.05</i>	<i>0.10</i>	<i>29.60</i>	<i>29.70</i>	<i>0.10</i>	<i>31.65</i>	<i>31.75</i>
5. Indira Gandhi Centre for Atomic Research, Kalpakkam (Prototype Fast Breeder Test Reactor)	4801	2.00	...	2.00	4.00	...	4.00	10.00	...	10.00
6. DAE Projects (Other Schemes)	4801	20.10	...	20.10	20.75	...	20.75	10.00	...	10.00
7. <i>Investment in Public Enterprises</i>										
7.01 Nuclear Power Corporation of India Ltd.(NPCIL)	6801	1418.09	...	1418.09	710.41	...	710.41	885.28*	...	885.28
7.02 Bharatiya Nabhikiya Vidyut Nigam Ltd (BHAVINI)	4801	926.00	...	926.00	390.00	...	390.00	620.00	...	620.00
Total- Investments in Public Enterprises		2344.09	...	2344.09	1100.41	...	1100.41	1505.28	...	1505.28
Grand Total		2449.15	-116.00	2333.15	1190.00	-754.00	436.00	1592.00	-703.00	889.00
B. Investment in Public Enterprises	Head of Dev	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
1. Nuclear Power Corporation of India Ltd.	12801	1418.09	1676.00	3094.09	710.41	1675.00	2385.41	885.28	1841.00	2726.28
2. Bharatiya Nabhikiya Vidyut Nigam Ltd (BHAVINI)	12801	926.00	...	926.00	390.00	...	390.00	620.00	...	620.00
Total		2344.09	1676.00	4020.09	1100.41	1675.00	2775.41	1505.28	1841.00	3346.28
C. Plan Outlay:										
1. Power										
i. Nuclear Power Schemes	12801	2449.15	1676.00	4125.15	1190.00	1675.00	2865.00	1592.00	1841.00	3433.00

* EAP Component

1. Rajasthan Atomic Power Station (RAPS) - The operation and management of Rajasthan Atomic Power Station (RAPS), Unit-1 has been entrusted to Nuclear Power Corporation of India Limited (NPCIL). The cost of operation/maintenance is paid by the Department.

2. FUEL INVENTORY - This provides for expenditure on the fuel for Tarapur Atomic Power Station and other Nuclear Power Reactors.

4. BHABHA ATOMIC RESEARCH CENTRE - 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- IGCAR pursues Plan Schemes for providing Research and Development support aimed towards the construction of Prototype Fast breeder Reactor etc.

6. DAE PROJECTS - The Project - Additional Spent Fuel

Storage Facilities funded by DAE is being implemented by NPCIL.

7. INVESTMENT IN PUBLIC ENTERPRISES

7.1 NUCLEAR POWER CORPORATION OF INDIA LTD.- MUMBAI - Nuclear Power Corporation of India Ltd. is the nodal agency for harnessing nuclear energy for power generation in the country. The main objectives of the company is to increase nuclear power generation capacity in the country as a safe, environmentally benign and economical source of electrical energy to meet the growing demand of electricity in the country.

7.2 BHARATIYA NABHIKIYA VIDYUT NIGAM LTD. (BHAVINI), KALPAKKAM - Government of India had accorded administrative approval and financial sanction for setting up of Prototype Fast Breeder Reactor (PFBR) at Kalpakkam in Sept. '03. To implement the project BHAVINI was incorporated at Chennai on 22.10.2003 with an authorized share capital of Rs.5000 Crores.