

**UPGRADATION AND CAPACITY
UTILIZATION OF ATOMIC
POWER PLANT**

286. SHRI SYED SHAHABUDDIN :
Will the PRIME MINISTER be pleased
to state :

(a) the present operational status of
the atomic power plants in the country,
unit-wise with installed capacity of each
unit,

(b) the actual output as percentage of
installed capacity unit-wise during 1990-
91; and

(c) the steps proposed to be taken dur-
ing 1991-92 to upgrade the capacity uti-
lisation and efficiency of output ?

THE MINISTER OF STATE IN THE
MINISTRY OF PERSONNEL, PUBLIC
GRIEVANCES AND PENSIONS (SHRI-
MATI MARGARET ALVA) : (a) and (b)
The details of Atomic Power plants pre-
sently in operation in the country are as
follows :

Unit	Installed capacity as approved by A.E.C.	Capacity factor in 1990-91 (%)
Tarapur Atomic Power Station-1	160 MWe	67.3
Tarapur Atomic Power Station-2	160 MWe	68.6
Rajasthan Atomic Power Station-1	220 MWe	24.4
Rajasthan Atomic Power Station-2	220 MWe	68.0
Madras Atomic Power Station-1	220 MWe	47.2
Madras Atomic Power Station-2	220 MWe	60.1
Narora Atomic Power Station	220 MWe	56.3*

*With effect from 1-1-1991 when commercial operation of Narora Atomic Power Station-1 commenced.

(c) Tarapur Atomic Power Station-1 and 2 and Rajasthan Atomic Power Station-2 have recorded capacity factors above normative levels of 62.8%. The operational power level of Rajasthan Atomic Power Station-1 has been restricted to about 100 MWe by Atomic Energy Regulatory Board (AERB) since 1987 consequent on the mechanical sealing of the light water leak in the south end shield. Replacement of end shields is a long-term project and this unit is being derated to a capacity of 100 MWe. The operational power levels of Madras Atomic Power Station-1 & 2 have been restricted during 1990-91 upto 75% full power by AERB consequent on the implementation of interim modifications to solve the problem of the failure of moderator inlet manifolds on both the units. Necessary steps for restoration of these units to normal operational power levels are in progress. Based on the operational experience of Narora Atomic Power Station-1, which is the first of its type, problems are being resolved progressively

for improving capacity utilisation of Narora Atomic Power Station-1. The Unit capacity of Rajasthan Atomic Power Station-2 has been derated to 200 MWe, and those of Madras Atomic Power Station and Narora Atomic Power Station to 220 MWe per Unit respectively.

**PURCHASE OF MONTHLY STOCK
UNDER PUBLIC DISTRIBUTION
SYSTEM IN INSTALMENTS**

287. SHRI PAWAN KUMAR BANSAL :
Will the PRIME MINISTER be pleased
to state :

(a) whether the Government are aware that the poor people who are unable to purchase the entire monthly stock permissible under the public distribution system in one go have to forego their entitlement; and

(b) if so, the steps the Government intend to take so as to enable them to buy the stock in instalments ?