

electricity during 1983 to 1986 plant-wise and reasons therefor; and

(b) the estimated loss suffered as result thereof ?

THE MINISTER OF STATE IN THE

MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): (a) The information is furnished below :

Station/ Unit	Down time in Hours			
	1983	1984	1985	1986
TAPS				
Unit-1	3365 (38%)	1095 (12%)	2566 (29%)	806 (9%)
Unit-2	1241 (14%)	3168 (36%)	701 (8%)	3145 (36%)
RAPS				
Unit-1	Shut down	Shut down	6845 (78%)	Shut down
Unit-2	2081 (24%)	2915 (33%)	2540 (29%)	2017 (23%)
MAPP				
Unit-1	...	2021* (25%)	3933 (45%)	4125 (47%)
Unit-2	2935** (43%)

*Data since 27.1.1984 (Commercial operation date).

**Data since 21.3 1986 (Commercial operation date).

The shut down time is generally attributable to planned fuelling/maintenance outages and forced outages due to equipment problems and grid problems. RAPS-Unit-1 has not been functional due to the end shield problem except for a period of about 3 months in 1985, MAPS Unit-1 lost about 4 months in 1986 due to the failure of the main transformer. A major portion of the time lost by MAPS-2 was due to a problem in the fuel transfer system outside the reactor.

(b) The shortfall in generation is about 12.5 per cent of the budgeted figure.

Completion of projects under oil sector

5081. SHRIMATI GEETA MUKHERJEE : Will the Minister of PROGRAMME IMPLEMENTATION be pleased to state :

(a) the projects under construction under the oil sector;

(b) whether all the projects under oil sector are running as per schedule;

(c) if not the reasons therefor; and

(d) the steps proposed to expedite their completion in time ?

THE MINISTER OF PROGRAMME IMPLEMENTATION (A. B. A. GHANI KHAN CHOUDHURY) : (a) and (b). Thirty two projects were under implementation (as on 31.12.1986) in oil sector out of which 12 projects were running on schedule

(c) The main reasons for delay include inter alia, problems concerning land acquisition, delay in supply of critical equipment, change in scope of work, non availability of cement, steel etc and law and order problem

(d) The steps include effective monitoring through Monthly Flash Report and Quarterly Status Report System, simplification of procedures for dereservation of forest land, higher delegation power to project authorities and constant pressure on them for expeditious completion.

Central assistance to Electronic Teleprinters

5082 SHRI PURNA CHANDRA MALIK : Will the PRIME MINISTER be pleased to state :

(a) whether Union Government have sanctioned financial assistance for the Electronic Teleprinters Project of West Bengal; and

(b) if so, when it was sanctioned and paid ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN) : (a) No Sir.

(b) Does not arise.

Strong Central Groups in Ministries

5083. SHRI K. RAMAMURTHY : Will the PRIME MINISTER be pleased to state :

(a) whether strong central groups have been constituted in each of the major Ministries as recommended in the Technology Policy Statement;

(b) if so, their achievements so far;

(c) the recommendations of the Technology Policy Implementation Committee; and

(d) the action taken thereon ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN) : (a) to (d). In pursuance of Technology Policy Statement, Technology Policy Implementation Committee (TPIC) had recommended setting up of a Central Group for Technology Forecasting under the Planning Commission and Sectoral Groups in Ministries dealing with economic and technical matters/R & D to undertake technology forecasting and technology impact assessment studies. Technology Policy Implementation Committee had also recommended strengthening of technology forecasting mechanisms at corporate level.

The Government has approved setting up of Technology Information, Forecasting and Assessment Council (TIFAC) as an autonomous organisation under Department of Science and Technology, and also setting up of Sectoral TIFA Groups in all economic/technical Ministries and Scientific agencies. TIFAC and Sectoral TIFA Groups are in the processes of being set up.

Processing data collected from major rivers

5084. CH. RAM PARKASH : Will the Minister of ENVIRONMENT AND FORESTS be pleased to state :

(a) the time by which the results of the monitoring studies of basin-wise water quality of major rivers would be available;

(b) when were the studies started; and

(c) the details thereof ?