[*Translation*]

Conversion and Extension of Sawai Madhopur-Jaipur Line

2851. SHRI RAM NARAIN BERWA: Will the Minister of RAILWAYS be pleased to state:

(a) whether a proposal regarding conversion of Sawai Madhopur to Jaipur metre gauge railway line into broad gauge was approved last year;

(b) whether the Government are considering to connect this railway line via Tonk;

(c) whether any survey was conducted in this regard; and

(d) if so, when and if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI MALLIKARJUN): (a) Yes, Sir.

(b) No, Sir.

(c) Yes, Sir.

(d) In 1986.

[*English*]

Late Running of Utkal-Kalinga Express

2852. SHRI SRIBALLAV PANIGRAHI: Will the Minister of RAILWAYS be pleased to state:

(a) whether late running and non-functioning of air-conditioning (A/C II tier) are regular features for Utkal-Kalinga Express;

(b) the number of days the train arrived late at Puri and Nizamuddin stations during the last three months with the reasons therefor;

(c) the reasons for the detachment of 2nd A/C sleeper compartment from the train which left Nizamuddin on June 29, 1991;

(d) whether the Government have conducted any enquiry in this regard;

(e) if so, the details thereof; and

(f) the action taken against the persons found responsible?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI MALLIKARJUN): (a) No, Sir.

(b) 75 days at Puri and 83 days at Nizamuddin mainly due to alarm chain pulling, accidents and equipment failures.

(c) A. C. plants of the coach developed defects.

(d) Yes, Sir.

(e) Both the AC plants of the coach became defective during run.

(f) Action to impose punishment on defaulting staff has been initiated.

Utilisation of Power Generation Capacity

2853. SHRI ANAND RATNA MAURYA: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the percentage of power generation in different sectors, capacity utilisation and the cost of production, State-wise;

(b) whether the installed capacity is fully utilised;

(c) if not, the reasons therefor; and

(d) the steps proposed to be taken to achieve the maximum utilization of installed capacity and to reduce the cost of production?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) State-wise /System-wise/UTs and Sector-wise Energy generation and Plant Load Factor during April, 1991-July, 1991 is given in the attached Statement. The cost of generation varies from project to project, and depends upon several factors such as the quantum of civil works and the load factor of operation of hydel projects; in the case of thermal projects, the location and the type of plant and equipment, size of units, type of fuel, its cost, and the hours of operation in the year.

(b) and (c). Generation of power depends both on the requirements (load) and transmission and distribution system constraints. It is therefore not possible to generate power from generating units to its full capacity as performance of power station depends upon a number of factors including planned maintenance, forced outages etc. in the case of thermal and nuclear units and availability of water in the reservoirs in the case of hydro units. The power generation also depends on the system load conditions which varies within the day between peak hours and off-peak hours.

(d) Various measures taken to improve the generation of thermal stations include Renovation & Modernisation of old units, assistance to State Electricity Boards in undertaking Plant betterment programme, supply of requisite quality and quantity of coal, training of personnel, and improvement in transmission network.

STATEMENT

I—Statewise Energy Generation and Plant Load Factor during April, 91—July, 91

II—Sectorwise Generation.

Name of the system	*Energy Generation (MU)*				*PLF (%)*
	Thermal	*Nuclear*	*Hydro*	*Total*	
1	*2*	*3*	*4*	*5*	*6*
BBMB	—	—	4926	4926	—
Delhi	1954	—	—	1954	53.5
Jammu & Kashmir	13	—	1238	1251	—
Himachal Pradesh	—	—	958	958	—
Haryana	947	—	110	1057	39.7
Rajasthan	1577	491	189	2257	54.6
Punjab	1980	—	1153	3133	52.8
Uttar Pradesh	11975	130	2057	14162	58.9

Name of the system	Energy Generation (MU)				PLF (%)
	Thermal	Nuclear	Hydro	Total	
1	2	3	4	5	6
Gujarat	6401	—	186	6587	57.0
Maharashtra	10511	503	1759	12773	55.2
Madhya Pradesh	9909	—	331	10240	57.6
Andhra Pradesh	5773	—	2801	8574	52.4
Karnataka	762	—	3058	3820	62.0
Kerala	—	—	1765	1765	—
Tamil Nadu	6213	478	1028	7719	66.4
Bihar	883	—	30	913	24.1
Orissa	455	—	1513	1968	33.8
West Bengal	4348	—	33	4381	45.0
DVC	1578	—	83	1661	34.1

Name of the system	Energy Generation (MU)				PLF (%)
	Thermal	Nuclear	Hydro	Total	
1	2	3	4	5	6
Sikkim	—	—	12	12	—
Assam	406	—	—	406	27.6
Meghalaya	—	—	387	387	—
Tripura	23	—	18	41	—
Manipur	—	—	147	147	—

II. Sectorwise total power generation percentage of total generation in each sector and plant load factor during April, 91-July, 91 are as under:-

Sector	Generation (MU) Apr.-July, 91	Percentage of total Generation	Thermal plant load factor(%)
Central Sector	31535	34.6	58.8
State Sector	54726	60.1	50.1
Private Sector	4831	5.3	60.2
Total	91092	—	53.3