

Year	Quantity (Million Tonnes)	Cost (Rs./Crores)
1982-83	1.9	595.89
1983-84	2.0	603.64
1984-85	2.6	844.77

(d) Kerosene oil is presently being imported under term contract with the USSR and by spot purchases in the International market.

(e) The steps being taken to increase kerosene production indigenously and to save foreign exchange in its import during the Seventh Plan include :

- (i) Refining capacity in the country has been increased and is proposed to be further increased.
- (ii) FCC Units have since been installed in some refineries and additional secondary processing facilities are also planned to increase the production of middle distillates including kerosene oil.
- (iii) Use of thermally efficient kerosene stoves and other alternative fuels are being encouraged to curb consumption of kerosene oil.

[*Translation*]

#### Generation of Power

4273. SHRI VILAS MUTTEMWAR : Will the Minister of ENERGY be pleased to state :

#### Statement

##### *Station-wise capacity and Generation (Gwh) of Thermal, Nuclear and Hydro Stations*

State	Station	Capacity (MW) (as on 30-11-1985)	Generation (Gwb) (Apr.-Nov. 85)
1	2	3	4
B.B M.B.	<b>Hydro</b>		
	Bhakra Nangal	1049	3927
	Dehar	990	2623
	<b>Pong</b>	<b>360</b>	<b>882</b>

(a) the generating capacity of various power houses in the country;

(b) the amount of power being actually generated by these power houses;

(c) whether Union Government have issued any directions to the State Governments or advised them to generate power according to their installed capacity; and

(d) if so, the outcome thereof ?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER (SHRI ARIF MOHAMMAD KHAN) : (a) and (b). Station-wise power generating capacity and generation during April-November 1985 are indicated in the statement annexed.

(c) and (d). Inter-action with State Governments and State Electricity Boards for improving the performance of thermal power stations is a continuous process. The State Electricity Boards have been requested from time to time to take measures for optimum utilisation of the existing thermal capacity. The need for improving the thermal generation and thermal performance was also stressed in the recently held State Power Ministers' Conference on 3rd and 4th November 1985. The State Governments/SEBs have been asked to take various measures to improve the performance of thermal power stations which include carrying out renovation and modernisation programmes, improving the operation and maintenance practices in the power stations, giving training to the operation and maintenance personnel and adopting modern management practices. Various measures taken have improved the Plant Load Factor during April-November 1985 to 50.3% as against 45.9% during the same period last year.

1	2	3	4
Delhi	Thermal		
	Badarpur	720	1667
	I.P. Station	282.5	998
	Rajghat	14.0	15
Jammu and Kashmir	Thermal		
	Kalakote	22.5	0
	Hydro		
	Lower Jhelum	105.0	414
	Small Station	69.0	221
Himachal Pradesh	Hydro		
	Bassi	60.0	256
	Giri Bata	60.0	190
	Binwa	40.0	24
	Batra Siul	100.0	526
Haryana	Thermal		
	Faridabad Extn.	180	231
	Panipat	330	469
	Others	15	31
Rajasthan	Thermal		
	Kota	220	698
	Nuclear		
	R.A.P.S.	440	828
	Hydro		
	R.P. Sagar and Jawahar Sagar	172	517
Punjab	Thermal		
	Bhatinda	440	1520
	Ropar	420	1306
	Hydro		
	U.B.D.C.	45	206
	Shanan	110	462
	Anandpur Sahib	134	285
	Mukerian	49	127

1	2	3	4
<b>Uttar Pradesh</b>	<b>Thermal</b>		
	Obra	1550	2985
	Panki	284	556
	Harduaganj 'A'	90	123
	Harduaganj 'B' and 'C'	450	742
	R.P.H. Kanpur	65	65
	Paricha	220	147
	Others (U.P.)	33.5	52
	Singrauli	1050	3983
	<b>Hydro</b>		
	Rahand-Obra	399	502
	Matatila	30	55
	Katema	41.4	177
	Ganga Canal	45.2	106
	Ram Ganga	198	3
	Yamuna Stg. 1. and 4	114.8	444
	Yamuna Stg. II	240	720
	Chila	144	644
	Kodri	120	338
	Maneri Bhal	90	168
<b>Gujarat</b>	<b>Thermal</b>		
	Dhuvaran	534	1690
	Ukai	850	2073
	Gandhi Nagar	240	980
	Wanakbori	630	1794
	Utran	61	199
	G. T. and Others	77	10
	A. E. Co.	161	621
	Sabarmati	220	818
	<b>Hydro</b>		
	Ukai	300	230

1	2	3	4
<b>Maharashtra</b>	<b>Thermal</b>		
	Nasik	910	2998
	Koradi	1100	2639
	Khaper Kheda	90	143
	Paras	92.5	225
	Bhusawal	482.5	1695
	Parli	480	1479
	Chandrapur	630	976
	Uran (G.T.)	564	671
	Others	18	37
	Trombay	830	2525
	Chola	40	108
	<b>Nuclear</b>		
	Tarapur	320	1385
	<b>Hydro</b>		
	Koyana	920	2841
	Vaiterna	60	71
	Pathon	12	2
	Tata	276	890
	<b>Madhya Pradesh</b>	<b>Thermal</b>	
Satpura		1142.5	3296
Korba I		100	306
Korba II		200	572
Korba III		240	816
Amarkantak		300	1038
Korba West		630	1047
Korba STPS		630	2641
<b>Hydro</b>			
Gandhi Sagar		115	225
<b>Andhra Pradesh</b>	<b>Thermal</b>		
	Kothagudem A	240	705
	Kothagudem B	220	417

1	2	3	4
	Kothagudem C	220	691
	Vijayawada	420	2130
	Ramagudem B	62.5	325
	Nellore	30	67
	Others	33	0
	Ramagundem STPS	600	2126
	<b>Hydro</b>		
	Machkund	114.7	515
	T. B. Dam	72	132
	Upper Sileru	120	169
	Lower Sileru	400	523
	Srisailem + Nagarjuna Sagar R.B.C.	500	1476
	Donkaraj	25	23
	Nizam Sagar	10	10
	Nagarjuna Sagar	710	134
<b>Karnataka</b>	<b>Thermal</b>		
	Raichur	210	33
	<b>Hydro</b>		
	Sharavathy + Jog	1011	3105
	Kalinadi	810	1345
	Supa Dam	100	81
	Bhadra	33.2	30
	Linganamakki	55	105
	Shivasamudram	30	83
	Shimshapura	16	89
	Munira Bad	27	60
<b>Kerala</b>	<b>Hydro</b>		
	Idukki	520	1507
	Sabrigiri	300	1019
	Kulgadi	75	} 987
	Sholayar	54	
	Sengulam	48	
	Nemamongalam	45	
	Palivasal	37.5	
	Paringatkutty	32	
	Punnar	30	

1	2	3	4
Tamil Nadu	<b>Thermal</b>		
	Ennore	450	1338
	Tuticorin	630	2173
	Basin Bridge	70	22
	Neyveli	600	2499
	<b>Hydro</b>		
	Pykara	70	172
	Moyar	36	76
	Kundah	535	680
	Suriliyar	35	55
	Aliyan	60	119
	Methu Dam + TNL	240	205
	Periyar	140	332
	Papanasam	28	68
	Sarkarpathy	30	72
	Sholayar	95	245
	Kodayar	100	143
	<b>Nuclear</b>		
	Kalpakkam	470	954
Bihar	<b>Thermal</b>		
	Patratu	730	1754
	Barauni	365	318
	Muzaffarpur	110	17
	<b>Hydro</b>		
Kosi	20	10	
Subern Rekha	130	173	
Orissa	<b>Thermal</b>		
	Talcher	470	857
	<b>Hydro</b>		
	Balimela	360	517
	Hirakund I and II	270	770
Rengali	50	80	

1	2	3	4
West Bengal	<b>Thermal</b>		
	Bandel	530	1716
	Santaldih	480	756
	Kolaghat	210	571
	Gouripur	28	28
	Gas Turbine	100	26
	D.P.L.	390	406
	C.E.S.C.	559	1617
	<b>Hydro</b>		
	West Bengal Hydro	41	79
D.V.C.	<b>Thermal</b>		
	Chandrapura	780	2129
	Durgapur	460	1243
	Bokaro	205	607
	<b>Hydro</b>		
	Maithen	60	} 332
	Panchet	40	
Tilaiya	4		
Sikkim	<b>Hydro</b>		
	Lower Lagyap	12	18
Assam	<b>Thermal</b>		
	Chandrapur	30	79
	Namrup	133.5	278
	Bangaigaon	180	45
	Gas Turbines	66	132
Meghalaya	<b>Hydro</b>		
	Kyrdemkular	60	} 722
	Umian	54	
	Umtra	11.2	
	Khandong	50	
	Gumte	15	